LIMA LOCOMOTIVE WORKS
INCORPORATED

LIMA, OHIO, U. S. A.

GEARED LOCOMOTIVE

Class 60-2 SPECIAL Dept. DRAWING ROOM

CONSTRUCTION ORDER No.	SHOP NUMBERS	DATE
401-1 To 5	3235 To 39	8-9-23

FORM LED 60

401
60-2
3235-9.

401

ADDITIONS AND CHANGES

ADDITIONS

DATE	Page	ITEMS	Check
8-15-23.	2	34	
8-18-23.	10	54-55	
~~8-20-23.~~	~~3~~	~~29~~	
8-24-23.	1	53-56	
" " "	2	1-2-3-4-6-7-8-10To15-18-22To33-37	
" " "	8	34To38	
8-30-23.	4	12-14-18-19-22-23-24-25-26	
" " "	26	31-32-54-55-56-45-46	
" " "	27	5-6-7-10-11-12-14-26-27-28-29	
8- " - "	24	53	
8-31-23.	11	51-55-56	
9-4-23.	19	27	
9-5-23	18	27	
9-5-23.	3	29	
9-6-23.	19	32-34-35-36-37	
9-7-23.	25	36-37-38	
" " - "	12	3-38-42-43-44-52-53	
9-10-23.	24	52-54-55-56-57-60-61	
" " "	25	1To5-7To10	
9-11-23.	25	31-32-25	
" " "	24	59	
9-12-23	22	1-2	
" " "	1	34-35-37To42-44-To50	
" " "	1	4-5	
9-14-23	8	39-42-43	
" " "	4	41	
9-15-23.	18	42	
" " "	10	42-45 To53-56To61	
" " "	11	1-2-5-6-9To18-21To25-27	
9-17-23	3	47-53-56-57	
" " "	4	1-3-4	
" " "	18	14	
9-18-23	1	2-11-12-13-1-	
" " "	4	40-45-55-59-60-61	
" " "	5	1To5-7-16	
9-19-23	19	17-18-19-20-23-25-28-To31.	
" " "	13	4	
" " "	11	28-29-34-35	
" " "	18	41-47To51	
" 20-"	4	54-56-57-58	
" 21-"	11	3	
" " "	18	15-16	
" " "	1	7-8-9-10-14-15-16-17-18	
" " "	7	14To21-23To30.	
" 23 "	5	18	
9-26-23	18	22-23	
9-27-23	12	7-10-11-19To22-4	
" " "	11	47	
" " "	4	42-43-47To51	
9-28-23	18	11-12	
" 29-23	12	39-41-55-56	
" " "	8	56-58	
" " "	4	31To34-36	
" " "	18	17	
10-1-23	5	8To16-19-21-22-23	
10-3-23	12	5-6-13-15-17-	
" " "	18	1-21-24-25-20	
10-4-23	7	22-38-39-4[illegible] 46-48To52	

ADDITIONS

DATE	Page	ITEMS	Check
10-5-23	25	56-57	
" " "	18	2	
10-6-23	2	49	
" " "	22	37	
" " "	3	26	
" " "	10	43-44	
" 8-"	7	33	
" 9 "	25	58	
" " "	25	59-46	
" 10 "	25	60-61 -	
" 11 "	25	44To57 -	
" " "	12	35 -	
10-12-23.	5	60-28 -	
10-13-23.	12	33-34-46-47-48-50-51	
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" " "	11	7	
10-17-23	3	42	
" " "	25	39-40	
" " "	10	1-3	
10-18-23	12	60-61	
" " "	17	47-48-50-57	
" " "	28	56	
" " "	25	41-42	
10-23-23	18	8-9	
10-24-23	3	15	
10-25-23	22	12	
" " "	5	39	
10-26-23.	7	31-32	
10-30-23	4	52-53	
10-31-23	2	50	
" " "	3	41	
11-1-23	3	39	
11-1-23	13	5	
11-3-23	18	19	
11-6-23	18	7	
" " "	28	52	
" 7 "	12	57	
" " "	13	61	
11-8-23	5	17	
11-9-23	4	37-38	
11-12-23	4	44-14	
11-15-23	28	47-50	
11-15-23	17	5	
11-22-23	12	9	

CHANGES

DATE	Page	ITEMS	Check
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8-28-23	19	7	
8-30-23.	27	25	
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9-10-23	24	53	
9-10-23	19	37	
9-11-23.	24	61	
9-12-23	22	15	
9-15-23	21	16	
9-18-23	4	41	
" " "	13	21	
" " "	18	42	
" " "	19	37	
9-19-23	19	21-22-26-27	
" " "	5	16	
" -20- "	4	59-60-61	
" -21-23	11	2	
" " "	18	14	
" 24-23	19	27	
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9-26-23	11	6	
9-27-23.	1	14	
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10-5-23	18	6	
10-6-23	4	54-55To61	
10-9-23	27	49	
10-10-23	25	56-57	
10-13-23.	25	50To53	
" " "	21	15	
10-15-23.	13	21	
" " "	21	47-48-49	
10-16-23	18	3-8-9-10-18-24-4-5	
10-17-23.	5	28	
10-18-23	2	44	
10-19-23	10	59	
10-22-23	2	44	
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10-25-23	27	2	
11-1-23	4	52	
11-2-23	4	50	
" " "	4	49-51	
11-5-23	1	18	
" " "	13	16-18	
" " "	4	54-56To61	
" 7-"	25	9	
11-8-23	19	24-31	
11-9-23	25	8	
11-12-23	13	16	
" " "	4	45-	
11-17-23	13	16	
11-23-23	25	2To5-7-8-10-11	

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 10—ASH PAN								
P	1	ASH ~~OF~~ PAN	1	104 A 5003		—	—	—	—	—
P	2	" Pan Material Bill	1 SET	10 M 0 5036		—	—	—	—	—
	3	" " Hopper	—							
O	4	" " Slide	1	D-40085 L-2		—	10-7	—	—	—
O	5	" " ~~Door Frame~~ "	1	" L-3		—	10-7A	—	—	—
	6	" " Slide ~~Frame~~ STOP BLOCKS	~~2~~	104 A 5003	3/4" x 7/8" x 3 1/2" long	—	—	—	—	—
O	7	" " ~~Door Links~~ CONN. ROD - REAR	2	104 A 5002		10-B-67	Z	Z	Z	Z
O	8	" " ~~Damper Rigging~~ FRONT	2	"		10-C-5009				
O	9	" " OPERATING ~~Bell Crank~~ LEVER	1	"		10-B-226				
P	10	" " " " " SHAFT ~~Fulcrum~~ BRACKET	2	"		10 A 5028	Z	Z	Z	Z
P	11	" " PIPE ~~Hinge~~ NIPPLES	4	104 A 5003	1" PIPE 3 1/4" LONG		Z	Z	Z	Z
P	12	" " " " " ~~Lug~~	4	"	1" " 2 5/8"					
P	13	" " DEFLECTING ~~Bar~~ PLATE	2	"	1/4" x 8 1/2" x 89" PLATE					
O	14	" " OPERATING ~~Lift Front~~ SHAFT	1	"	BAR IRON	~~8 1/2" x 2"~~ 73 1/4" x 2" DIA.	Z	Z	Z	Z
P	15	" " " " " ARM ~~Rear~~	2	"		400-S-575				
O	16	" " STOP ~~Lug~~	1	"		400 S 574				
O	17	" " " FULCRUM	1	"		400 S 572				
P	18	" " OPERATING ~~Rod Jaw~~ SHAFT COLLAR	~~2~~ 1	"	BORE 2 1/32"	1" x 3 1/2" DIA.				
	19	" " " " "								
	20	" " Netting Frames								
	21	" " Slide Rigging								
	22	" " " Rod								
	23	" " " Jaw								
	24	" " Shaft Bearing								
	25	" " Cleaning Door Hinge								
	26	" " Bell Crank Bracket								
	27									
	28									
	29									
	30	GROUP 11—AXLES								
M	31	AXLE	4	A-10228	# 150	A-10228	—	—	—	—
	32	"	—							
	33	GROUP 12—BELL								
P	34	BELL	1	122 A 3		—	—	—	12-150	—
O	35	" Frame	1	124 A 2		—	12-175	—	—	—
	36	" " Base	—							
P	37	" Yoke	1	124 A 2			12-159			
O	38	" " Nut-STUD & WASHER	1	"						
O	39	" " Pin	1	"	BAR STOCK					
O	40	" Crank	1	"				12-153		
O	41	" Tongue	1	"				12-173		
P	42	" " Fulcrum	1	"				12-174		
	43	" Ringer Bracket	—							
P	44	" Rope ~~Details~~ SCREW EYES	3	TO SUIT ERECT. SHOP	PURCHASED	—	—	—	—	—
O	45	" " Sheave	1	122 A 5019			12-21			
O	46	" " " Chair	1	122 A 5022			12-20			
P	47	" " " Frame	1	122 A 5020			12-18			
O	48	" " Thimble	1	122 A ~~4~~ 21	BAR STOCK		12-19			
P	49	" " " Washer	1	122 A 4						
P	50	" Ringer	1	VILOCO - COMPLETE WITH VALVE - PURCHASED		—	—	—	—	—
	51									
	52	GROUP 13—BOILER								
M	53	Boiler Plan	1	139 A 5006		—	—	—	—	—
	54	" Sections	—							
M	55	" Material Bill	1 SET	13 M 0 5047	- A.S.M.E. CODE. - N.Y.C. INSPECTION			—	—	—
M	56	" Bracing List	1 "	A-139 A 5006		—	—	—	—	—
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 14—BOILER DETAILS								
✓	1	Boiler Brace Rod Ends	14	142 E 126 ✓		117-F-200	Z	Z	Z	Z
✓	2	" " " "	6	142 A 126 ✓		310-S-267				
✓	3	" " " "	2	142 D 126 ✓		117-F-203				
✓	4	" " " "	4	142 D 136 ✓		142-D-136				
	5	" " " "	—							
✓	6	" " " Lugs	2	142A 137 ✓		14A 68	Z	Z	Z	Z
✓	7	" " " "	4	142A 5001 ✓		14A 5001				
✓	8	" " " "	2	142A 128 ✓		310-S-275				
	9	" " " "	—							
✓	10	" " " Jaws	2	142A 137 ✓		310-S-270	L	L	L	L
✓	11	" " " "	4	142A 5001 ✓		310-S-276				
✓	12	" " " "	16	142D 129 ✓		310-S-270				
✓	13	" " " "	4	142C 129 ✓		310-S-64				
✓	14	" " " "	2	142 A 128 ✓		310-S-276				
✓	15	" " " "	2	142 C 126 ✓		310-S-64				
	16	" Sling Stay	—							
	17	" " "	—							
✓	18	" Throat Brace	6	142A 139 ✓		142A 139	—	—	—	—
	19	" " "								
	20	" Crown Bars								
	21	" " Roof Irons								
✓	22	" Stay Bolt ✓	424	4535 LINE 1		4535 LINE 1	]	]	]	]
✓	23	" " " ✓	346	4535 " 2	ROME HOLLOW	4535 " 2				
✓	24	" Radial Stay ✓	96	11721 " 2		11721 " 2				
✓	25	" " " ✓	100	11745		11745				
✓	26	" " " ✓	20	1⅛" TATES STYLE D	PURCHASED					
✓	27	" ~~Cross Stay~~ " SLEEVES ✓	20	" " H						
✓	28	" ~~Tee Bar~~ " CAPS ✓	20	" " D						
✓	29	" TEE BAR ✓	2	21" LONG	6"x1"x5¼"x1¼"					
✓	30	" " " ✓	2	19" "						
✓	31	" " " ✓	2	11" "						
✓	32	" " " ✓	2	10½" "						
✓	33	" " " ✓	2	7½" "						
✓	34	" Mud Ring ✓	1	143A 5031				14-174	—	—
	35	" Tube Sheet Ring	—							
	36	" " " Studs	—							
✓	37	" Smoke Box Ring	1	139A 5006		14 K 5000	—	—	—	—
	38	" " " "	—							
✓	39	" Tube (small) ✓	155	2" O.D. - #12 B.W.G. - 11'-0¼" LONG - A.S.M.E. CODE - N.Y.C. INSPECTION			—	—	—	—
	40	" Flue (large)	—							
	41	" Combustion Tubes	—							
✓	42	" Tube Setting ✓	1 SET	11632 STYLE 4			—	—	—	—
	43	" Flue "	—							
✓	44	" Test Plate	1	142 F ~~189~~ ~~420-D-449~~			—	—	14-1E	—
	45									
	46	GROUP 15—BOLTS AND NUTS								
	47									
	48	GROUP 18—BRACKETS								
✓	49	Air Gauge Bracket	1	182B 5073	This does not fit present gauge: altered to suit Erect. Shop		18-27	—	—	—
✓	50	" " " PLATE-FRONT ~~Steam~~ Gauge Bracket FRONT	1	A-11411 LINE 1 TO SUIT ERECT. SHOP	PLATE	TO SUIT ERECT. SHOP				
✓	51	Bottom Bracket ✓	1	184E 5003				18-28		
✓	52	" " Caps ✓	4	8730 SET 3	182A 5029			18-32		
✓	53	" " Bearing—Top	4	~~182C 5034~~ 10-1-35	182B 5043	BRASS 18-118	~~18-104~~	Changed by customer to		
✓	54	" " " —Bottom	4	~~182A 5038~~	182C 5042	" 18-119	~~18-103~~	Solid Brass: See G.G. Jordan		
✓	55	" " " Wedge	4	~~182A 5015~~	~~182B 5043~~		18-31	Letter from trip of Inspector		
✓	56	" " Wedge Screw	4	182A 5022	SENT 3-COMPLETE 10/31	182A 5022		3/27/28 to 4/8/28.		
✓	57	" " " " Nut	4	"	BAR STOCK	4 R. 17352				
✓	58	" " " " Cap	4	182B 5075		182B 5075				
✓	59	Steam Bracket	1	187C 5001			18-2-X			
	60	" " —Back	—							
✓	61	" " Brace	1	182A 5071		182A 5071				

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 20—BRAKE EQUIPMENT								
	1	BRAKE CYLINDER	—							
	2	" "	—							
	3	" " Head	[illegible]	[illegible]		—	[illegible]	—	—	—
	4	" " "	—							
	5	" " Stuff. Box Gland	[illegible]	[illegible]		—	[illegible]	—	—	—
	6	" " " " "	—							
	7	" Piston	[illegible]	[illegible]		—	[illegible]	—	—	—
	8	" "	—							
	9	" " Rings, Mat'l For	[illegible]	[illegible]	Pot Pattern	—	[illegible]	—	—	—
	10	" " " " "	[illegible]	[illegible]	" "	—	[illegible]	—	—	—
	11	" " " " "	—		" "					
	12	" " " " "	—		" "					
	13	" " Rod—Front								
	14	" " " —Rear								
	15	" " "	— 2	202B5169		202B5169	—	—	—	—
	16	" " " Jaw	—							
	17	" Hollow Piston Rod	[illegible]	27" x 2 5/16" DIA.	TURN FROM 2" PIPE	—	—	—	—	—
	18	" " " "								
	19	" Strut								
	20	" "								
	21	" Reservoir Blocks								
	22	" " Support	2	202A5027		—	—	20-110	—	—
	23	" " "	—							
	24	" " "	—							
	25	" " " Strap	2	202A5027		134-F-782	—	—	—	—
	26	" Pump Bracket	[illegible] 1	3808 LINE 2		—	20-119-A	—	—	—
	27	" " "								
	28	" Cyl. Lever Fulcrum								
	29	" Equipment	1 SET	20MO5023	(ALL MATERIAL PURCHASED FROM N.Y. AIR BRAKE CO. EXCEPT PUMP WHICH IS TO BE FURNISHED BY N.Y. CENTRAL R.R. CO.)					
	30	" Valve	[illegible]	[illegible]	#5		—			
	31	" " Base	[illegible]	[illegible]			[illegible]			
	32	" " Cap	[illegible]	[illegible]			[illegible]			
	33	" " Slide Valve	[illegible]	[illegible]			[illegible]			
	34	" " Stem	[illegible]	[illegible]	BAR STOCK		—			
	35	" " Handle	[illegible]	[illegible]						
	36	" " " Latch	[illegible]	[illegible]	MACH. STEEL					[illegible]
	37	" " Stuffing Box	[illegible]	[illegible]	STICK BRASS					
	38	" " " " Nut	[illegible]	"	" "					
	39	" " " " BRACKET BRACE ~~Follower~~	[illegible] 1	TO SUIT ERECT. SHOP	" "	TO SUIT ERECT. SHOP.				
	40	" " Bracket	2	TO SUIT ERECT. SHOP		TO SUIT ERECT. SHOP	—			
	41	" " " DISTRIBUTING VALVE ~~Brace~~ BRACKET PLATE	— 1	" " " "	PLATE 3/8" x 10" x 21"					
	42	" Distributing Valve Bracket	— 2	TO SUIT ERECT. SHOP.		20A5102				
	43	" Relief Valve	[illegible]	[illegible]						
	44	" " " —Top	[illegible]	"	STICK BRASS				[illegible]	
	45	" " " —Base	[illegible]	"					[illegible]	
	46	" —Frame Body								
	47	" Lever—Frame	2	488A5038		20S5049	—	—	—	—
	48	" " "								
	49	" " "								
	50	" " "								
	51	" " "								
	52	" " "								
	53	" " Fulcrum—Frame	2	488A5038		20C5099	—	—	—	—
	54	" " " "	—							
	55	" " " "	—							
	56	" " Guides "	2	488A5038		20Y5048	—	—	—	—
	57	" " " "	2	"		20K5092	—	—	—	—
	58	" " " "								
	59	" " " "								
	60	" " " "								
	61	" " " "								

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 20—BRAKE (Cont.)								
	1	Brake Cylinder Bracket—Frame	2	488A 5038	12"-30# C-62 13/16" LONG.		—	—	—	—
	2	" " " "	—							
	3	" Rods "	2	488A 5038		20 X 5061	—	—	—	—
	4	" " "	2	"		20 M 5094	—	—	—	—
	5	" " "	—							
	6	" " "								
	7	" " "								
	8	" " "								
	9	"								
	10	" Beam— Truck	4	202A 5201		—	—	—	—	—
	11	" " Fulcrum "	4	202A 5047		—		20-85		
	12	" " Safety Chain "	8	937A 5024	Redesign Link for Fulcrum	98-F-309	—	—	—	—
	13	" " Loop "	—			—				
	14	" Hanger "	16	937A 5024		20 D 5027	—	—	—	—
	15	" " Lug "	—							
	16	" Heads "	8	203A 5009		—	—	20-22	—	—
	17	" Shoes "	8	202A 5104	(S) PAT. 20-8 PURCHASED	—				
	18	" Lever "	2	937A 5024		98-F-367	—	—	—	—
	19	" " "	4	"		98-F-280				
	20	" " "	—							
	21	" " "	—							
	22	" Rod "	2	937A 5024		98-F-285	—	—	—	—
	23	" " "	2	"		98-F-295				
	24	" Rod "	2	"		98-F-301				
	25	" " "	2	"		98-F-312				
	26	" " "	2	202A 5202		202A 5202				
	27	" " "	—							
	28	Truck Bolster Lever Fulcrum	2	3717 LINE 1		—	—	20-196	—	—
	29	" " Stop Lug	—							
	30	GROUP 21—BUMPERS								
	31	End Timber Arrangement—Front	1	214A 5020	WOOD See 214A 5039 FOR YARD SHAY		—	—	—	—
	32	" " " —Rear	1	214B 5020						
	33	" " Channels—Front	1	214A 5020	15"-33# CHANNEL					
	34	" " " —Rear	1	214B 5020	115" LONG.					
	35	" " Drawhead Blocks	—							
	36	Push Pole Pocket	4	212A 5002		—	21-7	—	—	—
	37	INSPECTION CARD FRAME	2	500D 307	PURCHASED FASTEN TO CAB ROOF OVER ENGINEER.					
	38	" " "	1	500D 308	" " " " " " "					
	39	GROUP 22—CAB								
	40	Cab	1	228A 5000	CANOPY-CLOSED. PLATE.		—	—	—	—
	41	" Material Bill	1 SET	22M.O. 5018			—	—	—	—
	42	" APRONS	1 "	237A 5000						
	43	" "	1 "	22M.O. 5018						
	44	CAB ARM REST RIGHT BACK.	1	232A 5027		23A 5018	—	—	—	—
	45	GROUP 23—CAB DETAILS								
	46	Cab Arm Rest	2	11165 LINE 3.	202C 5035	—	—	—	—	—
	47	" Joint Plate								
	48	" ~~Strap~~ APRON CLAMP	6	237A 5000	#11 TANK STEEL					
	49	" ~~Saddle Angle~~ " LATCH	6	"	#11 " "					
	50	" " ~~Plate~~ " BRACKETS	4	"		23A 5015				
	51	" ~~Sash Fixture~~ "	3	"		23B 5013				
	52	" ~~Storm Window~~ " HASP PIN	6	232A 5025		23A 5013				
	53	CAB ANGLE "	2	237A 5000		232A 5025				
	54	" " " " ~~Adjusting Bar~~	15	REQ. TO SUIT EXISTING SHOP		23A 5014				
	55	" DOOR SLIDE ARM BRACKET ~~Plate~~	1	" " " " "		23B 5016				
	56	" ~~Awning~~ STRAP HINGE	1	" " " " "		23C 5016				
	57	" ~~Curtain~~ DOOR SLIDE BRACKET	37	232A 5						
	58	" " ~~Rod~~ " ROD	8	8" HEAVY STRAP HINGE - PURCHASED						
	59	" Door ~~Fixture~~ "	4	232A 5						
	60	" " " ~~Clamp~~ EYE BOLT	4	232A 5		4" x 1/2" R.H.				
	61	" " " " ~~Screw~~ " HANDLE	2	232A 5018						
		" " ROD " ~~Slide Bar~~	2	232A 5023		5005V34				
			4			4" x 3/4" x 28				

1½ studs

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	M
		GROUP 23—CAB DETAILS (Cont.)								
P	1	Cab Door Fixture Rod	2	232 A 5020		232 A 5020	—	—	—	—
P	2	" Ventilator ✓	2	232 C 237 ~~R 5000 Line 3~~	PLATE	—	Z	Z	Z	Z
P	3	" DOME ~~Fixture~~ COVER PLATE ✓	1	228 A 5000	"	—				
P	4	" " ~~Handle~~ VENT. RING. ANGLE	1	"		23 A 5012				
P	5	" STACK " " ~~Hinge~~ "	1	"		23 B 5012				
	6	" " " Latch								
P	7	" ~~Rod~~ VENTILATOR HANDLE	2	882 A 1		882 A 1	—	—	—	—
P	8	" Seat—Right	1	232 B 5021	WOOD					
P	9	" " —Left	1	"						
P	10	" " ~~Back Support~~ —FRONT	1	500 D 283 Line 1						
P	11	" " Cushion	1	"						
P	12	" " ~~Post~~ SUPPORT HANGERS	1 1	" "		500-S-159 500-S-160				
P	13	" " ~~Hinge~~ BRACKETS	2	"		500-S-156				
P	14	" " ~~Rod~~ GUIDE PIPE	1	"	1" W.I. PIPE 64" LONG					
P	15	" Tool Box	1	A-11154	WOOD					
P	16	" DOOR LOCKS ✓	4 ~~2~~	YALE NIGHT LOCK-RIM LATCH-PURCHASED						
P	17	CAB APRON BRACKET	1	232 A 5026		232 A 5026	—	—	—	—
P	18	ANNUAL LOCO. INSPECTION REPORT	1	N.Y.C. FORM 243 TO BE PLACED UNDER GLASS IN CAB.						
P	19	CAB SEAT POST FULCRUM	2	500-D-238-Line 1		500-S-157				
	20	GROUP 26—~~COCK AND VALVES~~ " STORM WINDOWS	2	232 A 5030	Note - WINDOW WAS USED ON THE LAST TWO LOCO'S. ONLY.					
P	21	~~Air Sander Valve~~ CAB SEAT SUPPORT BACK	1	500 D 283 Line 1		500-S-155				
P	22	" " " TOP	1	"		500-S-154				
P	23	~~Angle Valve~~ " " GUIDE	1	"	LENGTH TO SUIT E.S.	¼" x 1½"				
	24	" " Cap								
	25	" " Stem								
	26	" " Gland								
	27	" " Nut								
P	28	AIR SANDER VALVE ✓	~~2~~ 4	¼" CRANE GLOBE #1807 ~~DUPLEX ENGINEERS OPERATING VALVE (U.S. METALLIC PKG. CO.)~~						
	29	Ash Pan Cock	—							
	30									
	31	Bell Ringer Valve	—							
	32									
m	33	Blower Valve ✓	1	¾" CRANE #1813	—	—	—	—	—	—
	34	" " Cap								
	35	" " Stem								
	36	" " Gland								
	37	" " Nut								
m	38	Blow Off Cock ✓	1	2" OKADEE TYPE FH		—	—	—	—	—
P	39	" " " ~~Cap~~ JOINT RING.	1	792 J 28		—	79-110	—	—	—
	40	" " " Plug								
	41	" " " Nut								
	42	" " " Washer								
	43	" " Extension								
	44	Blow-off Valve								
m	45	Injector Starting Valve ✓	2	½" CRANE #1811 & ¾" C.P. UNION		—	—	—	—	—
	46	" " " Cap								
	47	" " " Stem								
	48	" " " Gland								
	49	" " " Nut								
	50	Brake Stop Valve—Steam	—							
m	51	" " " —Air ✓	1	1" CRANE #1814		—	—	—	—	—
m	52	" " " —Inter. ✓	2	1" " GLOBE #1807		—	—	—	—	—
	53									
	54	Cinder Swipe Valve	—							
	55									
m	56	Cylinder Cock ✓	3	263 A 5001					78-90	26-8
m	57	" " Nut	3	"					26-12	—
m	58	" " Shank ✓	3	"						26-10
m	59	" " Valve	6	"	STICK BRASS					—
m	60	" " Cap	3	262 A 5004	FURNISH NIPPLE				26-207	—
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 31—CYLINDER								
✓	1	CYLINDER	2 R	313-A-5006 ~~15942 LINE 1~~		Z	31-34	—	Z	Z
✓	2	"	1 L	"			31-35	—		
✓	3	" Frame	2 R	313 D 5001			—	31-54		
✓	4	" "	1 L	"			—	31-54		
	5	GROUP 32—CYLINDER DETAILS								
✓	6	Cylinder Head	3	322A5032		—	32-36	—	—	—
✓	7	" " Casing	3	322A5036	PRESSED STEEL	—	—	—	—	—
	8									
	9									
✓	10	Steam Chest Cover	3	322A5017		—	32-57	—	—	—
✓	11	" " Casing	3	7416 SET 8	PRESSED STEEL	—	—	—	—	—
	12	Valve Chamber Head	Z							
	13	" " "								
	14	" " Cover								
	15	" " Bushing								
	16									
	17									
	18	GROUP 34—CYL BY-PASS & RELIEF VAL								
✓	19	Steam Chest Relief Valve	3	342 A 5000 ~~7432 LINE 1~~	STICK BRASS	Z	Z	Z	—	Z
✓	20	" " " " Base	3	"					34-3	
✓	21	" " " " Cap	3	"					34-2	
	22									
	23									
	24									
	25									
	26	GROUP 35—DIE WORK	—							
	27									
	28									
	29									
	30									
	31									
	32									
	33	GROUP 36—DOME								
✓	34	Dome	1	139A5006		Z	Z	Z	Z	Z
✓	35	" Flange	1	362 J 5001						
✓	36	" " Radius	—	29 1/8"						
✓	37	" Cap	1	362M5011						
✓	38	" Ring	1	362 A 5010						
✓	39	" Casing—~~Base~~	1	363E5015	PRESSED STEEL	—	—	—	—	—
	40	" " —Shell	—							
	41	" " —Top	—							
✓	42	" Flow Bowl	1	363E5015	SHEET IRON	—	—	—	—	—
✓	43	" " " Bracket	3	"		120 F 4	—	—	—	—
	44									
	45									
	46									
	47	GROUP 37—DRAWGEAR F & B								
✓	48	Coupler F.	1	373D5003 for yard shop only						
✓	49	" B.	1	M.C.B. STD. TO INTERCHANGE WITH LIMA CO. 373A5002 - PURCHASED						
✓	50	" Knuckles	2							
	51	" "	Z							
	52	" Lock								
	53	" " Lifter								
	54	" Link								
	55	" Lever								
✓	56	Uncoupling Shaft	2	214A5020		37T5009	—	—	—	—
	57	" "	—							
✓	58	" " Bracket	6	214A5020		104F97	—	—	—	—
	59	" " "	—							
	60	Buffer	—							
	61									

SHIP BY EXPRESS—RUSH

16083

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 37—DRAWGEAR (Cont.)		373A5019	for Yard Shop only			37-1		
m	1	Drawhead	2	372B5030		—	—	37-51	—	—
	2	Draw Gear Brace								
	3	" " "								
	4	" " " Foot								
	5	" " " Foot								
	6	" " Back								
	7	" " Shims								
m	8	" " Pin	2	A-10457 SET 3		2 3/4" x 2 1/2" DIA.		—		
m	9	" " Frame—Front	1	373E5007				37-320-A		
m	10	" " " "	1	373F5007				37-321-A		
m	11	" " " —Rear	1	373H5007				37-322-A		
m	12	" " " "	1	373J5007				37-323-A		
m	13	" " Tie Plate	2			104-F-80		—		
m	14	" " Friction Plate	8	A-10471				37-89		
m	15	" " Sliding Bar	2	A-10457 SET 1				37-94		
m	16	" " " "	2	"				37-95		
m	17	" " PIN WASHER ~~Connecting Rod~~	4	A-10457 SET 4		1/4" x 4 1/2" x 6"		—		
m	18	" " FRAME SPREADER ~~Pin~~	2	A-10415 STYLE 1		—		37-92		
m	19	" " Yoke	2			104-F-85		—		
m	20	" " " Block	2	A-10457 SET 2		—		37-93		
m	21	" " " Followers	2	10454 " 1		104-F-95		—		
m	22	" " " "	2	10454 " 2		104-F-96		—		
	23	" " " Binder Plate	—							
m	24	" " Carrier ~~Link~~ BAR	2			104-F-92				
	25	" " " Pin	—							
	26	" " " Plate	—							
m	27	" Bar Guide	2	372B5038		—		37-23		
m	28	" " Pin COTTER	4	A-10457 SET 5		145-F-1				
m	29	" " Carry Iron	2			104-F-29				
m	30	" " " " Bolt Liner	2			1/2" x 3" x 40"				
m	31	" Pin—Front	1			104-F-9	372A5071	for Yard shop		
m	32	" " —Back	1			104-F-9	"			
	33	Shackle Bar								
	34	" " Key								
	35	" " Gibs								
	36	" " Brace								
	37	" " " Pad								
	38	" " " Pin								
	39	" " Pin								
	40	Safety Link								
	41	" " Pins								
	42									
	43	GROUP 39—ECCENTRICS								
m	44	ECCENTRIC—No. 1 Cylinder	1	392A5019			39-66			
m	45	" No. 3 Cylinder	1	"			39-66			
m	46	" No. 2 Cylinder—Top	1	392B5068			39-67			
m	47	" No. 2 Cylinder—Bot.	1	"			39-68			
m	48	" Key	2	"	CHROME VANADIUM		—			
m	49	" Stud	2	"	MACH. STEEL		—			
m	50	ECCENTRIC STRAP Top	6	392A5029			39-34			
m	51	" " Bottom	6	"			39-35			
m	52	" " Bolts	12	"			—			
	53	" " Liner	—							
	54	" " Filler	—							
	55									
m	56	ECCENTRIC ROD	3	392A5084		392A5084				
m	57	" "	3	392B5084		392B5084				
m	58	" " Pin	3	393F5000						
m	59	" " "	3	393E5000						
m	60	" " Bolts	~~6~~ 12	8509 SET ~~7~~ 12						
m	61	" " "	~~6~~	8509 " 8						

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 42—ERECTING CARDS								
	1	ERECTING PLAN—Elevation	1	429A 5016						
	2	GROUP 43—ERECTING CARDS								
	3	ERECTING PLAN—Sections	1	437A 5000						
	4									
	5	GROUP 44—EXHAUST PIPE & NOZZLES								
	6	EXHAUST Drop Pipe	1	442D ~~5048~~ 5057			44-76-A			
	7	" " Pipe Flange	1	12897			44-167			
	8	" Nozzle	1	442A 5059			44-164			
	9	" "	1	442B 5059			44-165			
	10	" "	1	442C 5059			44-166			
	11	" " Tip	—							
	12	" Extension	1	442A 5050		—	44-1	—	—	—
	13	" Gland	—							
	14	" Reducer	1	442A 5046			44-542			
	15	" " Gland	1	442A 5018			44-533			
	16	" Pipe Elbow	1	442A 5016			44-532			
	17	" " Joint Ring	1	792K 5029			79-22			
	18	" "	1	442C 5015	6" W. I. PIPE		—			
	19	" " Nipple	1	"			—			
	20	GROUP 45—FIREDOOR AND FIREBRICK								
	21	FIRE BRICK								
	22	" " Arch Tube								
	23	" " " " Setting								
	24	FIRE DOOR ASSEMBLY	1	452A 5013	EXCEPT FRAME		—			
	25	FIRE DOOR	1	452A 5004			45-10			
	26	" " Frame	1	12700			45-32			
	27	" " Liner	1	452A 5002			45-11			
	28	" " Latch	1	452A 5005		127-F-4				
	29	" " " Handle	1	"		127-F-14				
	30	" " " Guide	1	452A 5003		452A 5003				
	31	" " ~~Shield~~ HINGE PIN	1			45A7				
	32	" " Damper								
	33	" " " Bearing								
	34	" " " "								
	35	" " " Handle								
	36	" " " Thumb Nuts								
	37	" " Peep Hole Cover								
	38									
	39									
	40									
	41	GROUP 48—FRAME AND DETAILS								
	42	FRAME	1	488A 5038		—	—	—	—	—
	43	" Boiler Saddle	1	482B 5101	23½ TO 24" RAD.	—	48-96	—	—	—
	44	" " "	1	"		—	48-97	—	—	—
	45	" " Pad Clamp	2	482A 5014		1½"×5½"×7¼"				
	46	" " " "	2	482E 5014		1½"×5½"×7¼"				
	47	" " " "	4	482F 5014		1½"×5½"×12"				
	48	" " " "	4	482H 5014		⅞"×5"×14"				
	49	" Bolster Fill Blocks	4	482C 5014		⅞"×5"×6¼"				
	50	" Centre Plate	2	483A 5008		—		48-47		
	51	" Side Bearing—Right	2	488A 5038		2"×6½"×16"				
	52	" " " —Left	2	"		2"×5"×16"				
	53	" Spreader	1	" "	12"-25#C-62 13/16 LONG					
			1	"	½"×10"×62 13/16 "					
	54	" Truss Pad 8/18	4	482A 5010				48-26		
	55	" " "	4	482B 5010				48-25		
	56	" " Head	2	12445 LINE 5		12445 LINE 5				
			2	" " 10		" " 10				
	57	" " Post Head	4	12401			48-27			
	58	" " " Socket	4	482A 5043			48-14			
	59	" " Rod Washers	8	~~12447~~ 482A 5086			48-~~10~~ 43			
	60	Main Truss Rod—Right	1	488A 5038		2½" DIA	LENGTH TO SUIT E.S.			
	61	" " " —Left	1	"		2¼" "				

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 48—FRAME & DETAILS (Cont.)								
P	1	Truss Rod Ends RIGHT	4	488A5038		84" } 2" DIA.	—	—	—	—
P	2	" " " LEFT	~~4~~ 2	"		84" }	—	—	—	—
P	3	" " "	— 2	"		80" - 2" DIA.				
	4	" " "	—							
P	5	" " Columns R.	2	488A5038		23¼" } x 2" DIA.	—	—	—	—
P	6	" " " L	2	"		22⅛" }	—	—	—	—
P	7	" Post Guides	2	12414 SET 6	PLATE					
	8	" " "								
P	9	Frame Brace TO END TIMBER-FRONT	1	488A5038		48B5029	—	—	—	—
P	10	" " " " " -REAR	1	"		48B5029				
P	11	" "	1	"		48J5000				
P	12	" "	1	"		48K5000				
P	13	" "	1	"		48L5000				
P	14	" "	1	"		48M5000				
P	15	Frame Pit Irons	3	"		48E5025				
P	16	" " "	1	"		48S5013				
P	17	" BOLSTER REINFORCING PLATE	2	"		½" x 20½" x 60"				
P	18	" " " " "	2	"		½" x 15½" x 60"				
	19	" End Casting	—							
	20	" " Timber Brace	—							
P	21	" Angle	16	488A5038		5/8" x 6" x 6" - 12"				
P	22	" "	8	"		5/8" x 3½" x 6" - 12"				
P	23	" "	4	"		½" x 3" x 3" - 9½"				
P	24	" "	4	"		½" x 3" x 3" - 12"				
P	25	" "	2	"		½" x 3½" x 3½" - 12"				
	26	" "	—							
P	27	" Smoke Box Brace Pad	2	13007 SET 1		—	48-15	—	—	—
P	28	EXPANSION PLATE	1	482A5165	PLATE	—	—	—	—	—
P	29	" " Angle	1 SET	"		482A5165	—	—	—	—
	30	FURNACE BEARER—Front								
	31	" " —Rear								
	32	" " Plate								
	33	" " Fill Blocks								
P	34	Boiler Pad—Right	3	482A5130		—	48-676	—	—	—
P	35	" " —Left	3	"		—	48-676	—	—	—
	36									
	37									
	38	GROUP 49—GAUGES, TEMPLATES & JIGS	—							
	39									
	40									
	41									
	42	GROUP 50—GUIDES & ATTACHMENTS								
M	43	Guide	6	502A5016	3-RIGHT & 3 LEFT	—	50-18	—	—	—
	44									
	45									
	46	GROUP 51—GRATE ARRANGEMENT								
S	47	Grate Arrangement	1	514A5001		—	—	—	—	—
	48	GROUP 52—GRATE DETAILS								
	49									
	50									
P	51	Grate Bars	9	522A5119 ~~522A5114~~	R14870 1-22-24	—	52-1634 ~~52-1670~~	—	—	—
	52	" "								
	53	" "								
	54	" Center Rail								
P	55	" Side "	1	522A5115		—	52-1617	—	—	—
P	56	" " "	1	"		—	52-1618	—	—	—
	57	" Cover Plate								
	58	" " "								
	59	" Shaker Pins								
	60	" " "								
	61	" " "								

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 52—GRATE DETAILS (Cont.)								
	1	Grate Dead Plate	—							
	2	" " "	—							
	3	" Drop "	1	522A5116		—	52-1619	—	—	—
	4	" Dump Shaft	1	522B5111		522B5111	—			
	5	" " " Bearing	1	522K5093		—	52-125			
	6	" " " "	1	522L5093		—	52-247			
	7	" " " Links	2	522B5111		52B5007	—			
	8	" " " ~~Lever~~ Stop	1	522B5111	FUTURE	52A5016	—	—	—	—
	9	" " ~~Lever~~ WRENCH	1	15020		118F74				
	10	" Shaker Shaft Bracket	2	522~~A~~C5117	FUTURE	522~~A~~C5117	—	—	—	—
	11	" " " "	2	522B5117		522B5117	—	—	—	—
	12	" " Lever	—							
	13	" " Shaft	2	522L5008		522L5008	—	—	—	—
	14	" " "	—							
	15	" " " Lever	2	522~~A~~L5009	FUTURE	52~~B~~E5012	—	—	—	—
	16	" " " "	—							
	17	" " " Hand Lever	2	514A5001		118F~~110~~113 R.14904-12-28-23	—	—	—	—
	18	" " " " "	—							
	19	" " ~~Lever~~ ROD Connection	1	514A5001		52A5015				
	20	" " ROD "	1	"		52B5015				
	21	" " Connection Bar	1	522A5118		522A5118				
	22	" " " "	1	522B5118		522B5118				
	23	GROUP 53—H'NDRAIL & STEPS (En.&Tr)								
	24	HAND RAIL								
	25	" " Bracket								
	26	" " Balls								
	27	" " Columns								
	28	" " "								
	29	" " "								
	30	" " "								
	31	" " " Blocks								
	32	" " " "								
	33	CAB HANDLE ~~Flanges~~	2	532A5059		532A5059	—	—	—	—
	34	Cab Handle—~~Right~~	2	532B5059		532B5059	—	—	—	—
	35	" " —~~Left~~ FRONT	2	532N5002		532N5002	—	—	—	—
	36	Coal Bunk Handle—Right	—							
	37	" " " —Left	—							
	38	Tank ~~Handle~~ HAND RAIL	1	887A5000	1" PIPE	—	—	—	—	—
	39	End Timber Handle	2	214A5020		53A5026	—	—	—	—
	40	" " "	—							
	41	" " " Bracket	2	214A5020		104F99	—	—	—	—
	42	TANK HAND RAIL TEE	1	A-15178			53-24			
	43	" " " PIPE FLANGE	1	A-15179			53-25			
	44	" " " " "	2	420-D-110			53-26			
	45	Bottom Bracket Step								
	46	Cab Step - RIGHT	1	532A5060		53A5029				
	47	" " - LEFT	1	532B5060		53A5029				
	48	" "	4	"		53D5002				
	49	" "	—							
	50	" " Brace	1	532A5060		53A5028	—	—	—	—
	51	" " "	1	532B5060		53B5028	—	—	—	—
	52	TANK ~~Cylinder~~ Step	1	887A5000	PLATE	—	—	—	—	—
	53	" ~~Hood Step~~	1	A-10363 LINE 1		—	53-28	—	—	—
	54	Generator Step	—							
	55	End Timber Step—Front	4	214A5020		53E5013	—	—	—	—
	56	" " " —Back	4	214B5020		53E5013	—	—	—	—
	57	~~Headlight Step~~	4	"		$\frac{1}{2}$" x 2" x 32 $\frac{5}{8}$"	—	—	—	—
	58	Pilot Step								
	59	" "								
	60	Sand Box Step	1	D-4141		—	53-14	—	—	—
	61	" " " Bracket	1	533B5003		533B5003	—	—	—	—

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 54—HEADLIGHTS, LAMPS, PLATES, ETC.								
	1	Flag Socket	—							
	2	" "	—							
M	3	Headlight {~~Oil~~ Electric}	2	18" PYLE NATIONAL & TYPE K-2 GENERATOR			—	—	—	—
P	4	Headlight Bracket	1	542A5014	PLATE					
P	5	" ~~Columns~~ BRACE	1	TO SUIT ERECT. SHOP		TO SUIT ERECT. SHOP				
	6	" Shelf—Front								
	7	" " —Rear								
M	8	Generator Bracket	2	10003		100-F-3				
M	9	" Shelf	1	"	1/4"x15"x18" PLATE					
M	10	Lamp	1	DAYTON ELECTRIC	PURCHASED					
M	11	"	1	" "						
M	12	" Bracket	1	542B5011		542B5011				
	13	" "	—							
M	14	Number Plate	1	542A5009					54-6	
M	15	" " Stud	1	A-12969	BAR STOCK				—	
M	16	Builder's Card	2	A-12978 ~~542A82~~	For Future Use CD542A82 PAT. #54-169		54-169		54-~~8~~ 8	
M	17	Name Plate	2	B-11138			54-4		—	
M	18	Patent Plate	2	542A5006			—		54-183	
	19	Property Plate	—							
	20	Superheater Patent Plate	—							
M	21	Electrical Equipment	1 SET	54MO ~~5004~~ 5005-B		—	—	—	—	—
	22									
	23									
	24	GROUP 55—INJECTORS & FEED, WATER								
M	25	Injectors	2	#7 NATHAN SIMPLEX - TYPE R - FLANGED CONNECTIONS				—	—	—
M	26	" Bracket	2	TO SUIT E. SHOP		TO SUIT E. SHOP	—	—	—	—
	27									
	28									
	29									
M	30	Injector Check Valve	2	NATHAN TYPE 287-A - FLANGED CONNECTIONS - 1 1/2" IRON PIPE			SENT 2 - FOR ENG. 3237 R. 16263 3-4-46			
	31	" " Flange								
	32	" Stop Valve								
	33	Feed Pipe Strainer								
M	34	" " Bracket	2	552A5036		—	55-3	—	—	—
M	35	" " " Cap	2	"		—	55-4	—	—	—
	36	" Pipe Hanger								
	37	" Hose Connection								
	38	" " " Nuts								
	39	" " " "								
	40	" " " Nipples								
	41									
	42									
	43									
	44	GROUP 57—LAGGING & JACKET								
	45	Lagging (Boiler)								
	46	" Panel								
	47	" "								
	48	" "								
	49	" Angle Iron								
	50	" " "								
M	51	Jacket (Boiler)	1 SET	#22 PICKLED STEEL		—	—	—	—	—
M	52	" Band	—							
M	53	" " Angle	4	57D5000		57D5000				—
M	54	" Clamp	40	572-A- ~~570-D~~-46		—				
M	55	" EYE BOLT	6	572A5004		572A5004				57-28
	56	Plug Casing				—				—
M	57	PRESSURE PLATE FRAME	1	420-D-476		—			57-60	—
	58	" Cover								
	59	Cylinder Lagging								
	60	" Jacket								
P	61	" Hood	1	572A5007	PLATE	—	—	—	—	—

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 58—LINK MOTION								
m	1	Link	3	583 A 5001		—	—	58-7	—	—
	2	" —Top Half	—							
	3	" —Bottom Half	—							
m	4	" Saddle	3	583 A 5001		81-F-15				
m	5	" " Bolts	3	8511 SET 12		—				
m	6	" " "	3	"		—				
m	7	" Block	3	582 A 5015		FIN. SIZES 2" x 2 5/8" x 3 3/4"				
m	8	" " Pin	3	8512 SET 3	SENT 3 FORLOCO 3237 R.17119, 6-24-46	—				
m	9	" " Plates	6	582 A 5015	C.R. STEEL	—				
	10	" " Ends	—							
m	11	" Hanger	3	582 A 5025		81-F-16	—	—	—	—
m	12	" " Pin	3	8513 SET 1		—	—	—	—	—
	13									
	14	GROUP 59—OIL CUPS & LUBRICATION								
m	15	Lubricator	1	NATHAN 5 FEED - 5 PINT - 1918 TYPE			—	—	—	—
m	16	" Bracket	1	TO SUIT E. S.		TO SUIT E. S.	—	—	—	—
	17									
m	18	Bottom Bracket Oil Cup	4	592 A 5006	SENT - 3 - COMPLETE 10-31-46. R.17352	—	59-48	—	—	—
m	19	" " " " Cap	4	"		—	59-49	—	—	—
	20	" " " " Nut								
	21	" " " " Plug								
	22	" " " " Cover								
	23	" " " " "								
	24	" " " " Hinge Lugs								
	25	" " " " " "			9/22/38 furnished 4 Grease cups Lunkenheimer Fig. 1089 #3 1/2 P. Ks.					
m	26	" " Grease Cup	4	592 A 5007		—	59-50	—	—	—
m	27	" " " " Cap	~~4~~	"						
m	28	" " " " Nut	4	592 A 5007		—	59-51	—	—	—
m	29	" " " " Plug	4	"		—	59-52	—	—	—
m	30	Crosshead ~~Oil~~ GREASE Cup	3	#1 POWELL PLAIN STEEL - SHANK 1/4" P. THD.			—	—	—	—
	31	" " " Cap								
	32	" " " Nut								
	33	Ecc. Strap Oil Cup								
	34	" " " " Cap								
	35	" " " " Nut								
	36	Gear Oil Cups	8	592 A 5027	29703 R 7-21-26		59-46			
	37	" " " Covers	8		#Lunkenheimer 7/13/29 Fig 1089 #3 ← 3/38		59-47			
m	38	Guide ~~Oil~~ GREASE Cup	6	3 POWELL - PLAIN STEEL - SHANK 1/2" P. THD.			—	—	—	—
	39	" " " Cap								
	40	" " " Nut								
	41	Link Oil Cup								
	42	" " " Cap								
	43	" " " Nut								
m	44	Packing Oil Cup	3	592 A 5005		—	—	—	59-44	—
m	45	" " " Cap	3	"		—	—	—	59-45	—
	46	" " " Nut								
	47	Rod Oil Cup								
	48	" " " Cap								
m	49	" " " Plug	3	592 A 5025		—	59-355	—	—	—
	50	" " " Latch								
	51	" " " Spring								
	52	" " " Base								
	53	Tumb. Shaft Oil Cup								
	54	" " " " Cap								
	55	" " " " Nut								
m	56	Truck Box Oil Cup Cover—R. Box	4	7125 SET 3			59-34			
m	57	" " " " " —L. Box	4	7144 " 2			59-19			
m	58	" " " " " Hinge Plate	4	7116 " 6			59-28			
	59	Valve Stem Oil Cup	—							
	60	Oil Can Shelf	—							
m	61	" " " Bracket	1	592 A 5004		—	59-120	—	—	—

Check	Item	TITLE	No. Pcs.	DRAWING		FORGINGS	CASTINGS—PATTERN NUMBERS			
				Card No.	Construction Notes	Sketch No.	Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 60—OIL BURNER, ENGINE ONLY								
	1	Oil Burner								
	2	" " Arrangement								
	3	" " Support								
	4	" " Turret								
	5	" Cock Rod								
	6	" " " Jaw								
	7	" " " "								
	8	" " Shaft								
	9	" " " Arm								
	10	" " " Hanger								
	11	" " " Collar								
	12	" Pipe Support								
	13	" " "								
	14	" " Clamp								
	15	" " "								
	16	" Heater Support								
	17	" " Clamp								
	18	" Regulator Bracket								
	19	" " Shaft								
	20	" " " Arm								
	21	" " " Hanger								
	22	" " " Collar								
	23	" " " "								
	24	" " Quadrant								
	25	" " Lever								
	26	" " Latch								
	27	" " " Handle								
	28	" " " Spring								
	29	" " " Link								
	30	" " " Guide								
	31	" " " Pin								
	32	" " Lever Dowel								
	33	" " " Stop								
	34	" " " Thumb Nuts								
	35	" " " Adjusting Screw								
	36	" Damper Regulator Quadrant								
	37	" " " Handle								
	38	" " " Shaft								
	39	" " " " Bushing								
	40	" " " " Arm								
	41	" Heater								
	42	" " Stuffing Box								
	43	" " " " Follower								
	44	" " " " Nut								
	45									
	46									
	47									
	48									
	49									
	50	GROUP 61—PAINT'G, LETTER'G, NUM'G								
	51	Lettering								
	52	Numbering								
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 62—PILOT AND SNOW PLOWS								
	1	PILOT								
	2	Pilot Band								
	3	" Bottom Plate								
	4	" Corner Iron								
	5	" Brace								
	6	" "								
	7	" "								
	8	" "								
	9	" " Rod								
	10	" Knee								
	11	" "								
	12									
	13									
	14	Snow Plow	—							
	15									
	16									
	17	GROUP 63—PIPE FITTINGS								
	18	Air Gauge Fitting	—							
N	19	" Pump Oil Fitting	1 SET	7138	STICK BRASS	—	—	—	—	—
	20	" " " " Nut								
	21	" " " " Swivel								
	22	" " Exhaust Wye								
	23	" " Tee								
	24									
	25									
N	26	Blower Fitting	1	632A 5004		—	—	—	63-6	—
	27	" " Nut	—							
	28	Brake Release Check	X	X3583	STICK BRASS	—	—	—	—	—
	29	" " " Valve	X	"		—	—	—	~~63-64~~	—
	30	Brake Ex. Fitting								
	31	" " " Nut								
	32	Coal Sprinkler Fitting								
	33	" " " Nut								
	34	" " " Swivel								
N	35	Cylinder Oil Pipe Fitting	3 SET	632A 5005	STICK BRASS	—	—	—	—	—
	36	" " " " Nut								
	37	" " " " "								
	38	" " " " Swivel								
	39	" " " Bracket								
	40	Angle Valve Nut								
	41	" " Swivel								
	42	Through Valve Nut								
	43	" " Swivel								
	44	Oil Cock Nut								
	45	" " Swivel								
	46	Lubricator Check								
	47	Steam Brake Oil Fitting	X	X	STICK BRASS	—	—	—	—	—
	48	" " " " Nut	—							
	49									
	50	Check Pipe Union								
	51	" " " Nut								
	52	" " " Swivel								
	53	Oil Pipe Union								
	54	" " " Nut								
	55	" " " Swivel								
	56	Steam Pipe Union								
	57	" " " Nut								
	58	" " " Swivel								
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 63—PIPE FITTINGS (Cont.)								
	1	Pipe Clamp	Z							
	2	" "								
	3	" "								
	4									
0	5	SPRINKLER HOSE	1	1" x 5'-0" LONG	3-PLY. PURCHASED					
	6									
	7									
	8									
	9									
	10									
	11									
	12									
	13									
	14	GROUP 64—PIPING ARRANGEMENTS								
	15	Piping Arr'g. General								
	16	" " Air Brake								
	17	" " Cooling Pipes								
	18	" " Bet. Eng. and Tender								
	19	" " Oil Heater								
	20	" " Sprinkler								
	21	" " Steam Heat								
	22									
	23									
	24									
	25									
	26	GROUP 65—PISTON AND ROD								
m	27	PISTON HEAD	3	652 A 5134		—	65-100			
m	28	" Packing Rings, Material For	6	653 H 5000	Pot Pattern	—	65-7			
m	29	" Rod	3	652 A 5104		FIN. SIZES 2 1/4" x 2 7/16" DIA	—			
	30									
	31									
	32									
m	33	PISTON ROD PACKING	9 SET	METALLIC 652 C5153	Pot Pattern Sent 3 Sets - 652-P-5153 - 4-8-1947	—	—			
m	34	Packing Rings	18	~~7759 SET~~ 8	PAXTON + MITCHELL - PURCHASED					
m	35	" Spring Washer	3	7759 " 3		—	65-44			
m	36	" Swab Cap	3	652 B 5091			—		65-26	
m	37	" ~~Follower~~ LOCK	3	652 C 5012			—			
m	38	" Stuffing Box	3	652 A 5055	A For Future		65-41			
m	39	" " " Gland	3	652 B 5059			65-42			
m	40	" Vibrating Cups	3	652 A 5081			65-43			
m	41	" Spring	3	# 13			—			
	42	" General Arrg't.	1 SET	652 A 5160		—	—	—	—	—
	43									
m	44	PACKING STUDS Piston Rod	12	7758 SET 4		—	—	—	—	—
	45	GROUP 66—PLUGS	—							
	46	Arch Tube Plug	—							
0	47	Back Head Plug (Prime)	3	1 7/8" x 11 1/2 THDS. TAPER 3/4" IN 12" PURCHASED			—	—	—	—
0	48	Crown Plug (")	5	" " " " "			—	—	—	—
	49	Ecc. Strap Plug	—							
0	50	Firebox Plug (Prime)	4	1 7/8" x 11 1/2 THDS. TAPER 3/4" IN 12" PURCHASED			—	—	—	—
	51	" "								
	52	Fusible Plug								
	53	Indicator Plug								
	54	Smoke Box Plug								
	55	Tube Sheet Plug								
	56	Test Plug								
0	57	Waist Plug (Prime)	4	1 7/8" x 11 1/2 THDS. TAPER 3/4" IN 12" PURCHASED			—	—	—	—
	58	Washout Plug Valve								
	59	" " " Cap								
	60	" " Flange								
	61	" " "								

3/3/30. RBK says Lend Lease Ptd White Packing

SENT 6 SETS 652 P5153
3 " 652 Y5172
FOR LOCO. 3237 R.1612
12-27-44 ORG
12-9-46
Sent same 10-23-45
SENT 6 SETS 652 P5153

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 68—REVERSE LEVER								
	1	Reverse Lever	2	682A5036		682A5036			—	
	2	" " Arrangement	1	684A5000		—			—	
	3	" " Handle	2	D-1315		—			68-3	
	4	" " Latch	2	~~3294 STYLE 1~~	682A5039	83-F-49				
	5	" " " Guide	2	"		FIN. SIZES 1" x 2" x 3½"				
	6	" " " Rod	2	684A5000		68A5018				
	7	" " REACH ROD " ~~Details~~ SUPPORT YOKE	1	682A5040	½x2" BAR IRON & 2-3/8"x2"x2" ANGLES 3" LONG.	~~83-F-131~~				
	8	" " " STEM GUIDE ~~Quadrant~~ STEM GUIDE	2	682A5039		68A5017 3/4x1½x2 1/16"				
	9	" " " GIB	2	~~8330~~ "		83-1A-1038				
	10	" " " Plate	2	~~682A5012~~	PLATE	83-1A-1038 ½"x¾"x2½"				
	11	" " SHAFT - ~~REAR~~ FRONT ~~Foot Rest~~	1	682A5033		682A5033	—	—	—	—
	12	" " Shaft REAR, ~~FRONT~~	1	682A5034		682A5034	—	—	—	—
	13	" " " Length								
	14	" " ~~Arm~~ SHAFT BEARING	1	202B5170		202B5170	—	—	—	—
	15	" " ~~Fulcrum~~ " "	1	202C5170		202C5170				
	16	" " " " ~~Bracket~~ "	2	682A5031		682A5031				
	17	" " " ~~Pin~~ " BUSHING	2	"	2¾" I.D. 3¼" O.D. - 7/16" LONG. STEEL-CASE HARDENED.					
	18	" " Shaft Stand	2	~~5471 SET 10~~		~~83-F-69~~	—	—	—	—
	19	" " REACH ROD SUPPORT ~~Quadrant Bracket~~	1	TO SUIT ERECT. SHOP		TO SUIT ERECT. SHOP				
	20	" " " PLATE	2	682A5035	PLATE					
	21	" " SHAFT ARM.	1	682A5037		682A5037	—	—	—	—
	22	" " REACH ROD JAW	2	130D210 LINE 1			—			—
	23	" " " " PIN	2	" "	MACH. STEEL	FIN. SIZES 1⅞" DIA. x 5⅝" LONG	—	69-319	—	—
	24	" " QUADRANT	2	682A5038		682A5038				
	25	" " " BOLTS & WASH.	2	"						
	26	GROUP 69—REVERSE SHAFT								
	27	TUMBLING SHAFT	1	692D5019	ANGLE A-0°	692D5019	—	—	—	—
	28	" " Arm	—							
	29	" " Collar	—							
	30	" " Box	3	692A5049			69-10			
	31	" " " Cap	3	692A5029			69-9			
	32	" " Coupling Ball	2	8316 SET 21	9" ctrs		69-2			
	33	" " " Socket	2	"			69-3			
	34	" " " Cap	2	"			69-3			
	35	" " " Sleeve	1	"		FIN. SIZES 1½" HEX 3½" LONG				
	36	" " " Conn.	1	"		FIN. SIZES 1½" HEX 7"				
	37	" " " "	1	"		FIN. SIZES 1½" HEX 4⅞" LONG				
	38	" " " Nut	2	"		FIN. SIZES 1½" HEX ¾" LONG				
	39									
	40	GROUP 71—RUNNING BOARDS								
	41	RUNNING BOARD	1	718A5001	PLATE		—	—	—	—
	42	" " MATERIAL	1 SET	71M0 ~~5011~~ 5011-A			—	—	—	—
	43	" " Bracket								
	44	" " "								
	45	" " "								
	46	" " "								
	47	" " " ON BOILER	1	712~~A~~ ~~5033~~ K 5031		712~~A~~ ~~5033~~ K 5031				
	48	" " " Engine	9	712A5047	PLATE					
	49	" " " "	5	712B5047	"					
	50	" " " "	1	712C5047	"					
	51	" " " "	2	488A5038	½"x4½"x36" DRILL TO SUIT ERECT. SHOP					
	52	" " " "								
	53	" " " "								
	54	" " " "								
	55	" " " Tender								
	56	" " " "								
	57	" " " "								
	58	" " " "								
	59	" " " "								
	60	" " " "								
	61	" " " "								

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 72—RODS								
M	1	Connecting Rods	3	723 C 5005		89-F-48			—	
M	2	" " Brass, Xhd End	3	722 A 5059					72-29	
M	3	" " " " "	3	"					72-29	
M	4	" " " Crank "	3	722 A 5062	2 pairs rough bore				72-56	
M	5	" " " " "	3	"					72-56	
	6									
M	7	Connecting Rod Strap	3	722 B 5003		722 B 5003				
M	8	" " Wedge—Top	3	723 C 5005		89-F-51				
F M	9	" " " —Bottom	3	"		89-F-50				
M	10	" " Key—Top	3	"		89-F-21				
	11	" " " —Bottom	—							
	12	" " Wedge Liner	—							
	13									
	14									
	15									
	16	GROUP 73—SAND BOX								
O	17	Sand Box—Front	1	733 B 5017	PLATE		—			
O	18	" " Base	1	"	"					
O	19	" " ~~Top~~ BLOCK	2	732 M 10			73-98			
O	20	" " Lid	2	732 G 10			73-85			
			1	732 B 5000			73-31			
M	21	" " Valve	2	732 A 18			73-106			
M	22	" " ~~Lever—Short~~ SEAT RING	2	733 A 11			73-104			
O	23	" " " ~~—Long~~ SAND TRAP	2	733 A 12			73-107			
M	24	" " Rod Handle				—				
O	25	" " ~~Rigging~~ EYE BOLT	1	733 A 5017		73-A-12				
M	26	" " ~~Rod~~ SHAFT	1	3/8" PIPE TO SUIT ERECTING SHOP		73 A 5015				
M	27	Air Sander	4	732 A 5002 WHITE TYPE TO	PURCHASED	—	73-93			
O	28	" " Nozzle	4	732 A 5002	STICK BRASS					
O	29	Sand Box—~~Flue~~ VALVE PINS	2	733 A 5017						
O	30	" " ~~Funnel~~ ARM	1	73 A 3		73 A 3				
O	31	" " ~~Scoop~~ ROD & JAW								
O	32	SAND BOX—Back	1	732 A 5034	PLATE	—				
	33	Back Sand Box Arrangement	—							
O	34	" " " Base	2	732 C 5023			73-13			
O	35	" " " Top	2	732 A 5024			73-314			
O	36	" " " Covers	2	"			73-12			
O	37	" " " ~~Valve~~ FILL BLOCK								
	38	" " " Shaft Hanger								
	39	" " " " " Caps								
	40	" " " Hand Lever								
	41	" " " " " Fulcrum								
	42	" " " " " Rod								
	43	" " " Horiz. Lever								
	44	" " " " " Fulcrum								
	45	" " " " " Guide								
	46	" " " Rod Jaws								
	47	" " " " "								
	48	" " " Shaft								
	49	" " " " Lever								
	50	" " " " "								
	51	" " " Valve Lever								
	52	" " " " Rod								
	53	" " " " "								
	54	" " " " " Conn.								
	55	" " " Rod Bell Crank								
	56	" " " " " " Fulcrum								
	57	" " " Brace								
	58									
	59									
	60									
	61									

Note - see letter in file about White air pump being in stock.

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 74—SHAFTS								
✓	1	COUPLING RING —Front	2	743A 5010	✓			74-16	—	
✓	2	" " Half "	4	743B 5010	✓			74-17	—	
✓	3	" " Bushing "	8	742A 5035	✓ SENT 16 FOR LOCO. 3237. R. 17119, 6-24-46			—	74-19	
✓	4	" " Oil Cellar "	8	742A 5034	✓		74-18	—	—	
	5	" " —No. 2								
	6	" " Half "								
	7	" " Bushing "								
	8	" " Oil Cellar "								
	9	" " —No. 3								
	10	" " Half "								
	11	" " Bushing "								
	12	" " Oil Cellar "								
✓	13	" " —Rear	2	743A 5010	✓			74-16	—	
✓	14	" " Half "	4	743B 5010	✓			74-17	—	
✓	15	" " Bushing "	8	742A 5035	✓			—	74-19	
✓	16	" " Oil Cellar "	8	742A 5034	✓		74-18	—	—	
✓	17									
✓	18	CRANK SHAFT	1	745A 5004	# 50	157-F-32	—	—	—	—
	19	Counterbalance								
	20	" Weight								
	21	" "								
	22	" "								
	23	" Yoke								
	24	" "								
✓	25	Horn Coupling	2	742B 5267	4 3/4"	—	—	74-27	—	—
	26	" "	—							
✓	27	" " Key	2	9060 LINE 6		90-F-33	—	—	—	—
	28									
	29				SENT 1 FRONT SHAFT COMPLETE FOR LOCO. 3237, 12-17-45 R. 16303 EST. 1582					
✓	30	LINE SHAFT—Front Truck	1	743A 5067	✓ 156" ctrs	FIN. SIZES 86 7/8" x 4 1/2" DIA.	—	—	—	—
	31	" " —2nd "	—							
	32	" " —3rd "	—							
✓	33	" " —Rear "	1	743A 5067	✓	FIN. SIZES 87 7/8" x 4 1/2" DIA.			—	
✓	34	" " Bearings, Outside—Front	2	742A 5193	✓	—			74-46	
✓	35	" " " Inside "	2	"	✓	—			74-45	
	36	" " " Outside—2nd			Sent Comp. Set for Loco. 3237, 12-17-45, R. 16303 Est. 1582					
	37	" " " Inside "								
	38	" " " Outside—3rd								
	39	" " " Inside "								
✓	40	" " " Outside—R'r	2	742A 5193	✓	—	—	—	74-46	—
✓	41	" " " Inside "	2	"	✓	—	—	—	74-45	—
	42	" " " Plate—Front								
	43	" " " " —2nd								
	44	" " " " —3rd								
	45	" " " " —Rear								
✓	46	" " Collar	3	742A 5079	✓	—	—	74-762	—	—
✓	47	" " "	1	742B 5079	✓	—	—	74-867	—	—
	48	" " "								
	49	" " "								
	50	" " "								
	51	" " "								
	52	" " "								
	53	" " "								
	54	" " "								
✓	55	" " Coupling	1	742A 5280	✓ Rear.	—	—	74-27	—	—
✓	56	" " "	1	742A 5225	✓ Front	—	—	74-850	—	—
	57	" " "								
	58	" " "								
	59	" " "								
	60	" " "								
	61	" " "								

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 74—SHAFTS (Cont.)								
	1	LINE SHAFT Coupling Key								
	2	" " " "								
	3	" " " "								
	4	" " Collar "								
m	5	" " Pinion	4	742 ~~D 5050~~ A 5301	R12729-2-25-27	—	—	74-483-F	—	—
	6	" " "			2-PINIONS APPLIED AT OUR PLANT CUSTOMER SHIPPED HIS LINE SHAFT HERE R.17351-10-31-46, ON LOCO. 3237.					
	7	" " "								
	8	" " "								
m	9	" " Washer	4 PAIR	742 H 5149		—	74-126	—	—	—
	10	" " "								
	11	" " "								
	12	" " "								
m	13	GEAR RIM	4	743 C 5021	1 1/16" Drill	—	—	74-484	—	—
m	14	" " Bolt	32	742 C 5254		—				
m	15	" " Key	16	8824 SET 8 12		—				
m	16	SQUARE SHAFT—Front	1	742 ~~X 5050~~ M 5250		742 ~~X 5050~~ M 5250				
m	17	" " —Back	1	742 ~~Q 5050~~ S 5250		742 ~~Q 5050~~ S 5250				
	18	" " —Center	—							
	19	" "	—							
m	20	" " Sleeve	2	742 B 5110		—	—	74-202	—	—
	21	" " "								
	22	" " "								
	23	" " "								
	24									
	25									
	26	GROUP 75—SMOKE BOX AND STACK								
m	27	SMOKE BOX ARRANGEMENT	1	A-12987 LINE ~~2~~ 4		—				
m	28	" " Deflecting Plate	1 SET	"	PLATE	—				
m	29	Deflecting Plate ~~Angle~~ NETTING ANGLE	1 "	"		A-12987 LINE 2				
m	30	Draft Pipe	1 "	"	PLATE	—				
m	31	" " Hanger	2	"		129-F-75				
m	32	" " "	2	"		129-F-80				
m	33	" " "	—							
m	34	" " " Key Bolt	24	A-12987		75 A 5030				
m	35	Netting Frame	2	"		129-F-81				
m	36	" Ring	1	"		129-F-221				
	37	Cinder Pocket	—							
m	38	" Pot Base	~~1~~	~~752 A 5052~~	Yard Dog now has cinder Pot 4-20-45		~~75-137~~			
m	39	" " Lid	~~1~~	"	752 A 5042		~~75-138~~			
m	40	" " Hand Wheel	~~1~~	"	752 A 5043		~~75-139~~			
m	41	" " Yoke	~~1~~	"	752 A 5041	~~129-F-55~~	—			
	42	Cleaning Hole	—							
m	43	" " Flange	~~1~~	~~752 A 5056~~		—	~~75-137~~			
m	44	" " Cover	~~1~~	~~752 A 5057~~		—	~~75-138~~			
m	45	~~Pcup~~ " " ~~Flange~~ HANDLE	~~1~~	"		~~1/4" x 1/2" x 8"~~	—			
	46	" " Cover	—							
m	47	SMOKE BOX Brace—Right	1	TO SUIT ERECT. SHOP		75 A 5034 ~~130-F-38~~	—			
m	48	" " " —Left	1	" " " "		75 A 5034 ~~130-F-38~~	—			
m	49	" " " Pad	2	752 ~~B~~ A 5047				75-10		
m	50	" " " Pin	2	13002 STYLE 2						
m	51	" " " Washer	2	13003 " 2						
m	52	SMOKE BOX FRONT	1	A-12964 LINE 2	PLATE					
m	53	" " " Door	1	"						
	54	" " " Liner	—							
	55	" " Door Liner	—							
m	56	" " " Buttons	15	~~A-12958~~ 752 A 5079		—	75-455			
m	57	" " " Hinge	1	"		75 A 5000				
m	58	" " " "	1	"		75 A 5003				
m	59	" " " " Lug	1	"		—				
m	60	" " " " "	1	"		—				75-25 75-26
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 75—SMOKE BOX & STACK (Cont.)								
O	1	SMOKE STACK (Type SHEET IRON	1	752B5063	SHEET IRON					
O	2	Smoke Stack Base	1	"		—	75-495	—	—	—
	3	" " Extension								
	4	" " Top								
	5	" " Cone								
	6	" " " Bracket								
	7	" " " Brace								
	8	" " " "								
	9	" " Cleaning Hole								
	10	" " " " Cap								
	11	" " Hood								
O	12	" " Ring	1	752B5063		75J5009	—	—	—	—
	13	" " "								
	14	" " " Angle								
MW	15	" " Saddle	1	752B5063 ~~753D5075~~		—	75-112 ~~75-78~~	—	—	—
	16									
	17									
	18	GROUP 76—SPRINGS								
MW	19	Truck Bolster Springs	60	762A5003	✓ PURCHASED 4-9-25	22772	48 7/8 x 3 3/4" x 16"	—	—	—
	20	" Pedestal "	—							
MW	21	Drawgear Springs	2	M.C.B. CLASS G	PURCHASED	—	—	—	—	—
	22									
	23									
	24									
	25									
	26	GR'P 78—STE. GAUGE SAF. VAL. & TUR.								
MW	27	Steam Gauge	1	6 3/4" AMERICAN	PURCHASED	—	—	—	—	—
	28									
MW	29	Safety Valve	2	2" CONSOLIDATED-FORM K-200#		—	—	—	—	—
	30	" "								
	31	" " Elbow								
	32	" " Turret								
	33	" " " Bushing								
	34	" " " Ring								
	35	" " " Casing								
	36	" " " Flow-Bowl								
O	37	TURRET	1	783A5006					78-1	
MW	38	" Ball Joint	1	A-11424 SET 1					78-5	
MW	39	" Stuffing Box	1	782A5005					78-2	
MW	40	" " " Nut	1	"	STICK BRASS				—	
	41	" " " Follower	—							
MW	42	" Master Valve	1	782A5005					78-3	
MW	43	" " " Nut	1	"	STICK BRASS					
MW	44	" " " Stem	1	"	" "					
MW	45	" " " Hand Wheel	1	"			27-14			
MW	46	" Bonnet Ring	1	"			—		78-4	
	47	Turret (Auxiliary)	—							
	48	GROUP 79—STEAM PIPES & TEE HEADS								
MW	49	STEAM PIPES	1	793B5002		—	79-672	—	—	—
	50	" " Slip Joint								
	51	" " " " Gland								
	52	" " Elbow								
	53	" " " Support								
	54	" " Tee Head								
MW	55	" " Joint Ring—Top	1	792A5042		—	79-658	—	—	—
MW	56	" " " " —Bottom	1	792B5042		—	79-658	—	—	—
	57	" " " "								
	58	" " " " Gland								
	59	" " Casing								
	60	" " Flange								
	61	" " Nipple								

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 81—SUPERHEATER								
	1	Superheater Arrangement								
	2	" Header								
	3	" " Support								
	4	" " "								
	5	" Return Bends								
	6	" " "								
	7	" Tube End								
	8	" " Joint								
	9	" " Clamp								
	10	" " " Washer								
	11	" " " Bolt								
	12	" " " " Washer								
	13	" " Support								
	14	" " Bands								
	15	" Unit								
	16	" Damper								
	17	" " Cyl.								
	18	" " " Arm								
	19	" " " Support								
	20	" " Arm								
	21	" " Rod								
	22	" " Shaft								
	23	" " "								
	24	" " " Bearing								
	25	" " " "								
	26	" " " "								
	27	" " " "								
	28	" " " Link								
	29	" " Counterweight								
	30	" " " Arm								
	31	" " Hinge								
	32	" " Flag								
	33	" Deflector Handle								
	34	" " Clamp								
	35	" " Plate Stud								
	36	GROUP 82—TANK VALVES								
	37	TANK Valve—Water	2	823A5006			—		82-22	
	38	" " Body	2	"			82-23			
	39	" " " Plate	2	"			82-19			
	40	" " Bottom Plate	2	"			82-20			
	41	" " Top "	2	"			82-18			
	42	" " Cap	2	"			82-16			
	43	" " Seat	2	"			—		82-21	
	44	" " Stem	2	A-15147 STYLE 1		151-F-2	—			
	45	" " " Nut	2	823A5006			82-17			
	46	" " " Handle	2	"			82-14			
	47	" " " Clamp Nut	2	"			82-15			
	48	" " Strainer	2	"			—			
	49	Siphon Arrangement								
	50	Siphon								
	51	" Tube								
	52	" Pipe Flange								
	53	" Goose Neck								
	54	" Stand Pipe								
	55	" " " Flange								
	56	" " " "								
	57	" Hose Strainer								
	58	" " " Body								
	59	" " " Cap								
	60	" " Nipple								
	61	" " Bracket								

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 82—TANK VALVES (Cont.)								
	1	Tank Valve—Oil								
	2	" " Seat								
	3	" " Cap Plate								
	4	" " Plate								
	5	" " Rod								
	6	" " Screen								
	7	" " Nut								
	8	" " Flange								
	9	" " Lever								
	10	" " Stem								
	11	" " " End								
	12	" " " Stuffing Box								
	13	" " " " " Nut								
	14	" " " " " Gland								
	15	" " " " " Follower								
	16	" Cock								
	17	" Cooler Cock								
	18	Tank Measuring Rod								
	19	" " " Flange								
	20	" " " Handle								
	21	" " " Guard								
	22	" " " "								
	23									
	24	GROUP 83—TANK—ENGINE								
	25	Fuel Bunk								
	26	" " Rack								
	27	" " Tie Rod								
	28	" " Straps								
	29	" " Lugs								
	30	" " Gate								
	31									
	32									
	33	GROUP 85—TENDER FRAME								
	34	Tender Frame								
	35	" " Angle								
	36	" " "								
	37	" " "								
	38	" " "								
	39	" " Bolster—Top								
	40	" " " —Bot.								
	41	" " Brace								
	42	" " "								
	43	" " "								
	44	Frame Centre Plate								
	45	" End Casting								
	46	" " Timber Brace								
	47	" Side Bearings								
	48	GROUP 87—TENDER DECK, TOOL BOX								
	49	Tool Box								
	50									
	51	GROUP 88—TENDER TANK								
O	52	Tank—Water	1	~~887A5000~~	883C5012	CHANGED ON R. 76596 5-11-43 L.C.A. 2500 GAL. CAPY.				
P	53	" Material Bill	1 SET	88M.O. ~~5052~~ 5052-A	88MO5010					
P	54	" Funnel	1	882A5009	PLATE					
P	55	" " Lid	1	882A5003						
P	56	" " ~~Hinge~~ RING	1	"		88A5003				
P	57	" " Handle	1	"		151-F-135				
	58	" " Hinge Lug	—							
P	59	" LUG " ~~Pin~~	—3	882B5012		882B5012	—	—	—	
P	60	" FUNNEL " Angle	1	882A5009		88A5002	—	—	—	
P	61	" Lug	4 1	882A5012		882A5012	—	—	—	

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 88—TENDER TANK (Cont.)								
P	1	Tank—Headlight Bracket	1	887A5000	PLATE	—				
P	2	" ~~—Ladder~~ COAL GATE LATCH	2	883-~~A~~ A5050		470-5-~~8~~ 89				
P	3	" " " " LUG	2	"		470-5-10				
P	4	" —Coal Gate	1	"	PLATE	—				
P	5	" ~~—Fuel Rack~~ ANGLE	2	"		3/8"x3"x3"L-67" LONG				
	6	" —Shoveling Sheet								
P	7	" COAL GATE LATCH STOP	2	883 ~~A~~ A5050		470-5-327				
P	8	Tank—~~Oil~~ " CHAIN	4	"		470-5-434				
P	9	" ~~Material Bill~~ HINGE	8	470-D-45		470-D-45				
P	10	" Funnel " LATCH BOLT	2	883 ~~A~~ A5050		—				
P	11	" " COAL ~~Cover~~ " PLATE	2	"	3/8"x2"x5"					
	12	" " " Eye Bolts								
	13	" " " Tail Nuts								
	14	" " " Handle								
	15	" " Lug								
	16	" " "								
	17	" " Ring								
	18	" " Angle								
	19	" Lug								
	20	" "								
	21	**GROUP 91—THROTTLE & DRY PIPE**								
M	22	Throttle Arrangement	1	914A5008		—				
M	23	Throttle Valve	1	B-12124 SET 4	912-A-5079	91-7				
M	24	" Case	1	913A5020		91-~~2~~ 462				
P	25	" Valve Stem	1	912K5052		912K5052				
	26	" " " Stop	—							
M	27	" Pipe Elbow	1	913A5020		91-463				
M	28	" Pipe Flange	1	912A5066		—	91-464			
M	29	" " Joint Ring	1	913A5020		79-655				
M	30	" Bell Crank	1	B-12161		B-12161				
P	31	" " " Fulcrum	1	912J5006		912J5006				
P	32	" Pipe Support	1	139A5006		91A5043				
M	33	" " Yoke	1	912A5071		91A5024				
	34	" " Bracket	—							
	35	" " "	—							
P	36	" Stuffing Box	1	912A5050		91-14		—		
P	37	" " " Gland	1	"		91-15		—		
P	38	" " " Flange	1	~~3839~~	912-A-5088	—			91-152	
P	39	" ~~Baffle Plate~~ LEVER BRACKET	1	TO SUIT ERECT. SHOP		TO SUIT ERECT. SHOP				
P	40	" " ROD SUPPORT	1	" " " "		" " " "				
P	41	" " " ~~Handle~~ LEVER REACH ROD GUIDE BASE	1	632B232		—	63-437	—	—	—
P	42	" " " ~~Angle~~ " CAP	1	632B232		—	63-438	—	—	—
	43	" " " Studs								
P	44	" ~~LEVER~~ ROD " ~~Nuts~~ ENDS	2	912A5074	1 1/2" DIA x 8 7/16" LONG	—				
P	45	" " " " ~~Keys~~ PIN	1	"	1 1/4" x 4" "	—				
P	46	THROTTLE LEVER REAR	1	913A5026		91-F-5029				
P		FRONT	1	913A5026		91-H-5029				
P	47	Throttle Lever Handle	2	D-1315 LINE 2		—			68-3	
P	48	" " Latch	1	913A5026		1" FIN. SIZES 1 1/4"x2 1/2"x5 1/4"				
			1	913A5026						
P	49	" " " Rod REAR	1	913A5026		91N5028				
		FRONT	1	913A5026		91C5028				
P	50	" " Links	2	913 ~~912~~ A5025		91C5016				
P	51	" " Quadrant	1	"			91-21			
P	52	" " Fulcrum	1	"		91C5030				
P	53	" " ~~Guide~~ ROD	1	"		91B5031				
P	54	" " Rod	2	912A5074	1 1/2" IRON PIPE LENGTH TO SUIT					
P	55	" " Support REAR	1	—		121-F-75				
P	56	~~DRY PIPE~~ " " ROD JAWS ~~REACH ROD GUIDE BASE~~	2	912A5074		—	~~43-437~~	91-80		
P	57	" " ~~Ring~~ " " ~~CAP~~	2	912A5074		91-B-100	~~43-438~~	—	—	—
P	58	INTERMEDIATE THROTTLE LEVER FULCRUM " " ~~Support~~	1	912A5072	FURNISH PIN	912A5072	—	—	—	—
P	59	" " " " " "	1	912D117		912D117	—	—	—	—
P	60	FRONT THROTTLE ~~Yoke~~ LEVER QUADRANT BRAC.	1	912A5073						
P	61	" " ~~Elbow~~ " " " FILL BLOCK	1	"		FIN. SIZES 912A5073 21/32"x2"x4"				
			2	"						

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 92—TOOLS								
	1	Brake Shoes								
	2	Chisel—Cape								
	3	" —Flat								
	4	Hammer—Soft			Wood Handle					
	5	Jack Screw								
	6	" " Cap								
	7	" " Base								
	8	" " Collar								
	9	" "								
	10	" " Cap								
	11	" " Base								
	12	" " Collar								
	13	Journal Brass Rod								
	14	Packing Hook								
	15	" Spade								
	16	Pinch Bar								
	17	Jack Bar								
	18	Torch								
	19	" Cap								
	20	" Nozzle								
	21	Valve Tram								
	22	Wrench List	1 SET	92M05011		—	—	—	—	—
	23	Ash Hoe								
	24	" " Handle								
	25	Clinker Hook								
	26	Poker								
	27	Wrecking Frogs	1 PAIR	No. 4 LIMA		—	—	—	—	—
	28	Grease	—							
	29	TOOL EQUIPMENT	1 SET	923A5004		—	—	—	—	—
	30	GROUP 93—TRUCKS & DETAILS								
	31	TRUCK Plan	2	937A5024		—	—	—	—	—
	32	" Bolster	2 SET	933A5100		—	—	—	—	—
	33	" " End Casting—R.	—							
	34	" " " " —L.	—							
	35	" " " Separator	4	932B5299		—	—	93-223	—	—
	36	" " Spring Centers	120	A-9548		—	93-53	—	—	—
	37	" "								
	38	" "								
	39	" " Brake Rod Roller								
	40	" " " " " Brkt.								
	41	" " " Lever Guide								
	42	" " " " "								
	43	" Center Plate	2	933D5093		—	—	93-75	—	—
	44	" Side Bearing Base	4	4053 LINE 1		—	93-87	—	—	—
	45	" " " Block	2	932C5243		—	93-80	—	—	—
	46	" ~~Frame~~ " "	2	932V5243		—	93-571	—	—	—
	47	" "								
	48	" " Splice								
	49	" " "								
	50	" Right Arch Bar	2	B-9714 LINE 1	3 TOP ARCH BARS CHANGED FROM A9763 LINE 3 TO LINE 6 1-9-28	—	97-F-625	—	—	—
	51	" Left Arch Bar	2	"			97-F-625	—	—	—
	52	" Right Inverted Arch Bar	2	"			97-F-331	—	—	—
	53	" Left Inverted Arch Bar	2	"			97-F-336	—	—	—
	54	" Bottom Tie Bar	1	932A5444	front		932A5444	—	—	—
	55	" " " "	1	932B5444	back		932B5444	—	—	—
	56	" " " " ~~Angle~~	2	932A5445			932A5445	—	—	—
	57	" " " " "	—							
	58	" " " Fill. Block	—							
	59	" Column—Right	2	4269 LINE 2			—	—	93-76	—
	60	" " —Left	2	4268 " 2			—	—	93-77	—
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 93—TRUCKS & DETAILS (Cont.)								
	1	Truck Crosstie Bar—Top	2	A-9763 LINE 6	see J. E. Dixon's letter 1-9-25. 20626R on all Locos ✓	—	—	93-72	—	—
	2	" " " "	2	~~A-9763 SET 6~~ 932 A 5218	✓	—	—	93-~~273~~ 697	—	—
	3	" " " " Angles	—							
	4	" " " " "	—							
	5	" " " —Bottom	2	932 E 5373	✓	932 E 5373	Z	Z	Z	Z
	6	" " " "	2	932 F 5373	✓	932 F 5373				
	7	" " " " Fill Block	8	"		1½" × 1½" × 3"				
	8	" " " —Center	—							
	9	" " " "	—							
	10	" Diagonal Braces	2 PAIR	4280 LINE 1	✓	4280 LINE 1	Z	Z	Z	Z
	11	" " "	2	932 A 5217	✓	~~932 A 5217~~ 932 A 5217				
	12	" " "	2	"		~~932 A 5217~~ 932 A 5217				
	13	" " "	—							
	14	" Equalizer	4	3628 LINE 2	✓	3628 LINE 2	—	—	—	—
	15	" Gear Cover								
	16	" " "								
	17	" " "								
	18	" " "								
	19	" " " Bracket								
	20	" " " "								
	21	" " " "								
	22	" " " "								
	23	"								
	24	" King Bolt	2	10153 SET 3	✓	10153 SET 3	—	—	—	—
	25	" " " Key	2	10153 " ~~#1~~ #6	✓	10153 " ~~#1~~ #6	—	—	—	—
	26	" Safety Chain—To Frame	~~#1~~ #1	937 A 5024		101-F-170	Z	Z	Z	Z
	27	" " " " "	~~#1~~ #1	"		101-F-171				
	28	" " " " "	#1	"		~~101-F-172~~ 101-F-172				
	29	" " " " "	#1	"		~~101-F-173~~ 101-F-173				
	30									
	31	TRUCK BOX—Right	4	933 A 5017	✓	—	—	93-94	—	—
	32	" " "								
	33	" " "								
	34	" " "								
	35	" " Cap—Right	4	932 A 5064	5-15-24 ✓ R. 17523	2 ~~Caps~~ C.S.	93-93	—	—	—
	36	" " " "								
	37	" " " "								
	38	" " " "								
	39	" Pedestal	4	9336	✓	—	—	93-113	—	—
	40	" " Cap	4	932 A 5084	✓	—	—	93-97	—	—
	41	" " " Shim								
	42	" " " "								
	43	" " " "	—							
	44	" " " "	—							
	45	" Box—Inside	4	932 B 5096	✓	—	—	93-573	—	—
	46	" " Cap—Inside	4	9338 SET 12	✓	—	93-108	—	—	—
	47	" Inside Box Spring Center	—							
	48	" " Thrust Plate	4	932 A 5274	✓	—	—	—	93-111	—
	49	" Journal Brass	~~8~~ 9	932 A 5277	✓ 932 B 5277	9-18-45 5¼ DIA BORE BILL FRANCIS	—	93-109	—	—
	50	" " " Wedge	—							
	51									
	52									
	53									
	54									
	55									
	56									
	57									
	58									
	59									
	60									
	61									

Check	Item	TITLE	No. Pcs.	DRAWING Card No.	DRAWING Construction Notes	FORGINGS Sketch No.	CASTINGS—PATTERN NUMBERS Cast Iron	Cast Steel	Brass	Mal. Iron
		GROUP 94—VALVES—DISTRIBUTION								
	1	Piston Valve								
	2	" " Follower								
	3	" " T-Ring								
	4	" " Snap Ring								
m	5	Slide Valve	3	942 A 5017		—	94-53	—	—	—
m	6	" " Plate	3	"		—	94-54	—	—	—
	7	" " Packing Strip	—							
	8	" " " "	—							
m	9	" " Ring—Mat'l For	3	653 N 5001	Pot Pattern	—	65-103	—	—	—
m	10	" " Spring	3	# 3		—	—	—	—	—
	11									
	12									
	13	VALVE STEM	—							
m	14	" " Crosshead	3	942A 5043		—	94-4	—	—	—
m	15	" " " Guide	3	942A 5033			94-11			
m	16	" " " " Plate	6	"			94-10			
	17	" " " Gibs	—							
	18									
m	19	VALVE YOKE	3	942 A 5058		942A 5058	—	—	—	—
	20	" " Block	—							
m	21	" " Key	3	8006 SET 4	CHROME VANADIUM	—	—	—	—	—
m	22	VALVE STEM PACKING	3 SET	GARLOCK		—	—	—	—	—
	23	Packing Rings	—							
	24	" Spring Washer								
	25	" Swab Cup								
	26	" Vibrating Cup								
	27	" Follower								
m	28	" Stuffing Box	3	7721		—	65-124	—	—	—
m	29	" " " Gland	3	"		—	65-125	—	—	—
	30	" Spring	—							
m	31	" Studs, Valve Stem	9	7721		—	—	—	—	—
	32									
	33	GROUP 95—WHEELS AND TIRES								
m	34	Wheel	8	953 B 5017		—	95-89-A	—	—	—
m	35	Tire	8	A-9990	SEC. # 114	—	—	—	—	—
	36	Hub Plate	—							
	37									
	38									
	39	GROUP 96—WHISTLE AND RIGGING								
m	40	WHISTLE	1	3" PLAIN BRASS	PURCHASED	—	—	—	—	—
	41	" Bowl		Linnkenhauer fig. 441		2/40				
	42	" Bell								
	43	" Valve								
	44	" Gland								
	45	" Nut								
	46	" Diaphragm								
P	47	" Lever JAWS	8	A-11149 SET 3	BAR IRON	—	—	—	—	—
	48	" Elbow								
	49	" Rigging								
P	50	WHISTLE Hand Lever	2	A-11149 SET 1		111-F-10	—	—	—	—
	51	" " " Fulcrum								
P	52	" Rod EYE BOLT	2	962A 5011		962A 5011	—	—	—	—
	53	" Bell Crank								
	54	" Rod Thimble								
	55	" " " Washer								
P	56	" RIGGING	1 SET	TO SUIT ERECT. SHOP.		—	—	—	—	—
	57	GROUP 99—MISCELLANEOUS								
	58	SPEED RECORDER RIGGING								
	59									
	60									
	61									

CLASSIFICATION OF DRAWINGS

GEARED LOCOMOTIVE

Group No.	TITLE
10	Ash Pan and Oil Pan
11	Axles
12	Bell and Ringer Blow-off Cock—See 26 Blower Pipe Elbow—See 63
13	Boilers
14	Boiler Details and Attachments—Tubes and Flues. Boiler Checks—See 55
15	Bolts and Nuts, Studs, Pins and Bushings Boxes, Shay Engines—See 93
18	Brackets, Air and Steam Gauge Brackets, Shay Cylinder, Steam and Cylinder Bottom Brackets
20	Brake Equipment, Foundation, All Brake Equipment, Engine and Tender Brick Arch—See 45
21	Bumpers and Details By-pass Valve—See 34
22	Cabs
23	Cab Details, Apron, Brackets, Door Fixtures, Ventilator, etc. Cab Handle—See 53 Cab Lamp—See 54 Cab Tool Box—See 23 Cab Turret—See 78 Chafing Plate—See 48 Cinder Valve and Pipe—See 75 Clearances—See 98 Coal Pusher—See 88
26	Cocks and Valves, Cylinder and Blow-off Cocks, Globe Valves
27	Cocks and Valves, Gauge, Water and Special
28	Cock Rigging Connecting Rods—See 72 Coupler, Engine—See 37 Coupler, Tender—See 37
29	Crank Pins and Details
30	Crossheads, Arm, Pin, Key and Shoes Crossties—See 48
31	Cylinders and Barrel Bushings
32	Cylinder and Steam Chest Heads and Covers, Steam Chests and Bushings
34	Cylinder By-pass, Relief, Vacuum and Drifting Valves
35	Die Work—Flanging Dies
36	Dome—Cap, Casing and Ring
37	Draw-Gear, Engine, Coupler, Uncoupling Rigging Front Buffers, Drawbars, Safety Chains and Bars All Drawgears F and B Drawgear, Tender—See 37 Draft Pipe—See 75 Dry Pipe—See 91
39	Eccentrics, Cranks, Straps and Rods Engine Truck—See 93
42	Erecting Cards—Elevations
43	Erecting Cards—Cross Sections
44	Exhaust Pipe and Nozzles Expansion Pad, Knee and Plate—See 48 Feed Water Attachments—See 55
45	Fire Door, Fire Brick and Tubes, Smoke Consumer Fire Box Ring—See 14 Fire Extinguisher—See 64
48	Frames and Details
49	Gauges, Templates and Jigs
50	Guides, Yoke and End
51	Grate Arrangement
52	Grate Details Hand Holes—See 66
53	Hand Rail and Steps, Engine and Tender
54	Headlights and Signal Attachments, Lamps, Electric Wiring, Builders License and Number Plates
55	Injectors, Boiler Checks and Strainers Keys—See 15

Group No.	TITLE
57	Lagging and Jacket Lamps—See 54
58	Link Motion Mud Drum—See 14 Number Plates—See 54
59	Oil and Grease Cups, Lubricator and Bracket, Oil Can Holder, Flange Lubricator
60	Oil Burning Attachments—Engine Oil Burning Attachments, Tender—See 82
61	Painting, Lettering and Numbering—Photo
62	Pilot and Snow Plows
63	Pipe Fittings and Clamps, Air, Steam, Water and Lubricator Pipe Fittings
64	Piping Arrangements, Engine and Tender, Air Brake, Cooling, Oil Heater, Sprinkler and Steam Heat Piping
65	Piston and Rod, Extensions, Rod Packing
66	Plugs, Hand Holes and Washout Push Pole Pocket—See 21
68	Reverse Lever, Screw and Pneumatic Gears
69	Reverse Shaft and Reach Rod
70	Rocker and Box
71	Running Boards & Brackets, Side and Deck Sheets
72	Rods—Connecting and Stubs Safety Valves—See 78
73	Sand Box, Sanders and Rigging Side Sheet, Cab—See 71 Signal Attachments—See 54
74	Shafts—Crank, Line, Square, Crank, Counterbalance, Couplings, Brasses, Pinions, Gears, etc.
75	Smoke Box Arrangement, Front and Door, Smoke Stack and Extensions, Smoke Box Braces Smoke Consumer—See 45 Speed Recorder—See 99
76	Springs Sprinkler—See 64 Steam Chests—See 32
78	Steam Gauge, Safety Valve and Turrets Steam Heat—See 64
79	Steam Pipes and Tee Heads Steps—See 53
80	Stoker and Details, Engine and Tender
81	Superheater, Header and Details Superheater Flues—See 14
82	Tank Valves—Oil and Water, Handle, Well, Goose Neck, Strainer, Hose
85	Tender Frames
87	Tender Deck, Tool Box
88	Tender Tank—Water and Oil, Filling Hole, Tank Funnel, Coal Gate, Coal Pusher Tender Truck—Shay Engines—See 93
91	Throttle and Dry Pipe—Lever, Supports, Sleeves Tires—See 95 Tool Boxes, Engine—See 23 Tool Boxes, Tender—See 87
92	Tools
93	Trucks and Details, Shay Engine, including Boxes and Bearings Tube Setting—See 14 Turret, Safety Valve—See 78 Turret, Air—See 20
94	Valves, Distribution—Stems, Rods, Valve Rod Crosshead and Packing Valve Rod Crosshead Guide—See 94 Waist Sheets—See 48
95	Wheels and Tires—Driving Engine, Truck, Trailing, Tender Wheels
96	Whistle and Rigging
97	Preliminary Designs and Propositions
98	Clearance and Wheel Base Diagrams
99	Miscellaneous

Material Specifications

New Plan.
" Boiler
" CAB
" Run Board + Brackets
" Ash Pan
" Frame + Details.
" End Timbers.

May 1, 1943

L. L. W. INSPECTOR'S REPORT - C.O. 76596 - Mr. Keller

1. Coupling ring brasses badly worn, renew.

2. Take up all play possible on eccentrics, crank shaft, and rod bearings.

3. Renew eccentric blade bolts where loose.

4. Renew Blower Pipe.

5. Bad leak bottom of water tank and tank loose on frame.

6. Right delivery pipe leaks at flange joint ahead of injector.

7. Examine springs in trucks, engine leans to right.

8. Left #2 and #4 brake shoes badly worn.

9. Bonnet on left injector leaking at joint.

10 Truck pedestal bolts loose.

11 Line shaft brasses loose in boxes.

12 Apply new line shaft thrust washers.

13 3/8" play in square shaft and sleeve.

14 High pressure safety valve tight, will not open.

15 Tighten piston and valve packing, repack if necessary.

16 Clean out smoke box and flues.

17 Drain cock on hydro. lubricator leaks at seat.

18 Straighten and apply new bolts where necessary on cab ladders and grab irons.

19 Make and apply new Gear Pinion Guards.

20 Apply new smoke stack.

21 Remove Jacket & Pipe work necessary to apply Hydro Test.

22 Remove auxilary cab and build new front in regular cab to remain on Engine.

Order New Set of Lagging.

1 cab angle 111-F-250
4 Gear Guards 37 15 including forging
1 stack 952-B-5063

Form ED 100 ParPCO

LIMA LOCOMOTIVE WORKS, INCORPORATED

SHEET NO. 1 TOTAL NO. SHEETS 1 SOLD TO THE MARCELLUS & OTISCO CO.
MARCELLUS, NEW YORK

SALES ORDER NO. R 17252

LOCO. NO. 3237 CYL. SIZE 12" X 12"

ISSUED 10-31- 1946

ESTIMATE NO. ——— SHIP TO AS ABOVE

DELIVERY PROMISED ——— MANIFEST NO. COMPLETE PARTIAL COMPLETED 19

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEPT	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1														
2	3		BOTTOM BRACKET CAP WEDGE BOLTS	182A5022	FORG STL.	182A5022								
3		3	" " " " NUTS	"	1 1/4" SQ. X 1 3/4" LONG. SOFT STEEL									
4														
5														
6	3		BOTTOM BRACKET OIL CUPS, COMPLETE	592A5006										
7		3	" " " " BASE	"	C.I.	59-48								
8		3	" " " " CAP	"	C.I.	59-49								
9		3	" " " " VALVE STEM	"	3/8" X 2 1/8" MACH. STEEL.									
10		3	" " " " SPRING	"	1/16" STL. WIRE									
11														
12														
13														
14														
15														
16														

Form ED 100-A ParPCo.

LIMA LOCOMOTIVE WORKS, INCORPORATED

SHEET NO. 6 TOTAL NO. SHEETS 6 SOLD TO 4-5816 ~~Loco 32-55~~

LOCO. NO. 3235 CYL. SIZE _____ SALES ORDER NO. R _____

ESTIMATE NO. _____ SHIP TO _____ ISSUED _____ 19 _____

DELIVERY PROMISED _____ MANIFEST NO. _____ COMPLETE PARTIAL _____ COMPLETED _____ 19 _____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOCK ASSIGNED	PROCESS ON S. O.	MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	SHIPPED	INSPECTOR'S CHECK
1	2		Door fixture clamp	232 A 5019	cast iron	23-3								
2	2		Clamp screws	232-A 5018	mall iron	purchased								
3	2		Slide bars	232-A 5023	1/4" x 3/4" x 28"	bar iron								
4	2		Door rod	232 A 5020	3/8" diam.	iron rod								
5														
6														
7														
8														
9														
10														
11														
12														
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31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 8 TOTAL NO. SHEETS 8 SOLD TO

LOCO. NO. CYL. SIZE

ESTIMATE NO. SHIP TO ~~SALES~~ ORDER NO. R45816

DELIVERY PROMISED MANIFEST NO. ISSUED 6-1 1943

COMPLETE PARTIAL COMPLETED 19

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1	2		Headlight bracket	5353	Set #11									
2	1		" plate	10020										
3	2		Hand rail brackets	10010	Cast iron	53-10								
4	2		Hand rail columns	A-11404	" "	53-7								
5	2		" " "	532 B 5034	" "	53-2								
6	2		" " flanges	532 F 5034	" "	53-5								
7														
8	1		Bell frame bracket	to suit erecting shop.										
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
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28														
29														
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31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 2 TOTAL NO. SHEETS 2 SOLD TO Order # 76596

LOCO. NO. _____ CYL. SIZE _____ SALES ORDER NO. R _____

ESTIMATE NO. _____ SHIP TO _____ ISSUED May 10 1943

DELIVERY PROMISED _____ MANIFEST NO. _____ COMPLETE PARTIAL _____ COMPLETED _____ 19 _____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEPT	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1			Joe Pohl											
2														
3	1		Cab - ✓	223-B5006										
4			order new cab and new											
5			cab sash and doors											
6														
7			two prints attached											
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
18														
19														
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31														
32														

Form ED 100 ParPCo

LIMA LOCOMOTIVE WORKS, INCORPORATED

SHEET NO. 1 TOTAL NO. SHEETS ____ SOLD TO Lima Loco Works Inc Maint Dept

~~SALES~~ ORDER NO. R 76956

LOCO. NO. ____ CYL. SIZE 12 X 12

ISSUED May-7- 1943.

ESTIMATE NO. ____ SHIP TO ____

COMPLETE PARTIAL ____ COMPLETED ____ 19 ____

DELIVERY PROMISED ____ MANIFEST NO. ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
			From inspectors report.											
1			Parts subject to repair or replacements											
2	16		Coupling Pin Bushing	742 A 5035	Brass cast	74-19								
3	6		Eccentric straps	392 A 5029	cast iron	39-34 39-35								
4	6	12	" blade bolts	8905 set 12										
5			Main Rods	883-C-5012										
6			Truck springs	762 A 5003										
7			Brake shoes	202 A 5104		20-8								
8	4 pr		Lens shaft bearings	742 A 5193		74-46 ~~74-45~~								
9			Line shaft washers	742 H 5149	Cast iron	74-126								
10			Square shafts	742 M 5250										
11			~~Sleeve couplings~~	742 S 5252										
12			Sleeve couplings	742 B 5110	Steel cast	74-202								
13			Piston rod packing	652 C 5153										
14			Valve stem packing	Vulcabestos $2\frac{1}{8}$" out diam $1\frac{5}{16}$ Inside diam										
15	4		Rev Gear covers	3715 -										
16	1		Stack	752 B 5063										
17	1		~~Smoke~~ casing	363 E 5015	pressed steel									
18	1		Coat	223 B 5006										
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100 ParPCo

SHEET NO. _____ TOTAL NO. SHEETS _____ SOLD TO _____

LOCO. NO. 4 CYL. SIZE _____ SALES ORDER NO. R _____

ESTIMATE NO. _____ SHIP TO _____ ISSUED June 22 1943

DELIVERY PROMISED _____ MANIFEST NO. _____ COMPLETE PARTIAL _____ COMPLETED _____ 19 _____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1														
2			Rear sand box for yard loco #4											
3	1		Rear sand box complete	732B5013										
4		2	Sand box base	12207	Cast iron	73-5								
5		2	" " top	12249	" "	73-11								
6		2	" " covers	"	" "	73-12								
7		2	air sanders	732A5002	" "	73-93								
8		2	" " nozzles	"	stick brass									
9		[illegible]	" " [illegible]	[illegible]		530-S-85								
10		1	air sander valve		1/4" Globe									
11														
12														
13														
14														
15														
16														
17														
18														
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27														
28														
29														
30														
31														
32														

Form ED 100 ParPCo

LIMA LOCOMOTIVE WORKS, INCORPORATED

SHEET NO. 1 TOTAL NO. SHEETS 1 SOLD TO THE MARCELLUS & OTISCO COMPANY

MARCELLUS, NEW YORK

SALES ORDER NO. R 16803

LOCO. NO. 3237 CYL. SIZE 12" X 12"

ISSUED 12-17- 1945

ESTIMATE NO. 10582 SHIP TO AS ABOVE

COMPLETE PARTIAL COMPLETED 19

DELIVERY PROMISED MANIFEST NO.

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEPT	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1														
2	1 SET	(8)	LINE SHAFT BEARINGS											
3		4	" " " OUTSIDE	742A5193	BRASS	74-46								
4		4	" " " INSIDE	"	"	74-45								
5														
6														
7	1		FRONT LINE SHAFT, COMPLETE											
8		1	" " "	743A5067	9/16" DIA. X 86 7/8"	FIN. SIZES								
9		2	" " " PINIONS	742A5301	40 TO 50% CARBON GR. B	C.S. 74-483								
10		2 PR	(4 PC'S) " " WASHERS	742H5149		C.I. 74-126								
11		2	" " COLLARS	742A5079	AAR, EM. 201-42 GR. B.	C.S. 74-762								
12		1	" " COUPLING	742A5225	"	C.S. 74-850								
13		1	" " KEY	11/16" X 1" X 5 1/2"	MACH. STL.									
14		2	" " "	11/16" X 1" X 7"	" "									
15														
16														
17														
18	3		GAUGE COCKS TO NEW YORK CENTRAL CO. V-41884E, PURCHASED											
19														
20														
21			THIS is a SPECIAL RUSH Order											
22			and requires immediate attention											
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														

3 Conn. Rod	723 C 5005	SK.
6-X Hd. Brass	722 A 5059	72-29
6- Crank Pin Brass	722 B 5062	72-56
3- Straps	722 B 5013	
3 Wedges	723 C 5005	
3- Rod Grease Plug	592 A 5025	59-355

Form ED 100 ParPCo

LIMA LOCOMOTIVE WORKS, INCORPORATED

SHEET NO. 1 TOTAL NO. SHEETS 1 SOLD TO The Marcellus & Otisco Co. Inc.

LOCO. NO. 3237 CYL. SIZE 12" x 12" Marcellus, New York. SALES ORDER NO. R 16705

ESTIMATE NO. — SHIP TO As Above ISSUED 10-23- 1945

DELIVERY PROMISED — MANIFEST NO. COMPLETE PARTIAL COMPLETED 19

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1														
2	9 Sets (18)		Metallic Piston Rod Packing (Require 3 Sets		For Each Cylinder)									
3														
4		6 Sets (12)	Metallic Piston Rod Packing	652P5153	2 3/8" Dia. Bore	Soft White								
5		3 Sets (6)	" " " "	652Y5170	2 1/2" " "	" "								
6														
7														
8														
9														
10														
11														
12														
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14														
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32														

Loco C.O. #401

Joe Pohl, am sending you print 429 A5016 side elevation and cab print 22 & A5000. This cab is much wider than our standard cabs but am sending you a print from cd 223 A 5025 which will show you the usual arrangement of front windows on our standard locos as a guide in adapting the old cab to the std arrangement

Also prints of line shaft. cd 743 A 5067
Line shaft bearings " 742 A 5193
Eccentric strap " 392 A 5024
Gear covers. " 3715
Coupling ring " 743 A 5010
" " bushing " 742 A 5035
" " Oil cellar " 742 A 5034

List of asbestos block lagging attached

HEG 5-4-43

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 3 TOTAL NO. SHEETS ____ SOLD TO Order #76596

LOCO. NO. ____ CYL. SIZE ____ SALES ORDER NO. R ____

ESTIMATE NO. ____ SHIP TO ____ ISSUED May 11 1943

DELIVERY PROMISED ____ MANIFEST NO. ____ COMPLETE PARTIAL ____ COMPLETED ____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOCK ASSIGNED	PROCESS ON S. O.	MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	SHIPPED	INSPECTOR'S CHECK
1			Joe Pohl											
2	1		Tank	883 C 5012										
3			Material bill		88 M 0 5010									
4		1	Tank funnel	882 C 5002										
5		1	" lid	882 A 5003										
6		1	" Ring		88 A 5003									
7		1	" funnel ring		88 A 5002									
8		1	" " "		151 F 111									
9		1	" lid handle		151 F 135									
10	1		Tank ladder	A 15102	78 12. 151 F 82									
11	1		Coal gate	B 15126 22										
12		1	" board	883 C-5012										
13		2	" gate legs	B 15726	470 S-12									
14		2	" " tees	"										
15		6	" " hinges	"	1/2 x 2 1/4 x 12	Extra heavy bed								
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
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31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 4 TOTAL NO. SHEETS ____ SOLD TO Order #76596 45816

LOCO. NO. 3235 CYL. SIZE ____ SALES ORDER NO. R ____

ESTIMATE NO. ____ SHIP TO ____ ISSUED May 12 1943

DELIVERY PROMISED ____ MANIFEST NO. ____ COMPLETE PARTIAL ____ COMPLETED ____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEPT	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1			Joe Pohl.											
2			Water tank.											
3			Remove tank lugs from scrapped tank and											
4			rivet to new tank											
5			Location shown By sk BBA5012											
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
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LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 4 TOTAL NO. SHEETS ____ SOLD TO 45816

LOCO. NO. 3135 CYL. SIZE ____ SALES ORDER NO. R ____

ESTIMATE NO. ____ SHIP TO ____ ISSUED ____ 19 ____

DELIVERY PROMISED ____ MANIFEST NO. ____ COMPLETE PARTIAL ____ COMPLETED ____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOCK ASSIGNED	PROCESS ON S. O.	MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	SHIPPED	INSPECTOR'S CHECK
1			leak	223 C 5025										
2			Material bill	22 MO 5019										
3			Arm rest	232 B 5032										
4			Saddle angle			111 F-27								
5			Door fixture clamp	232 A 5019										
6			Clamp screw	232 A 5018										
7		✓	Slide bar	232 A 5023										
8			Door clamp rod	232 A 5020										
9			leak ventilator ~~handle~~	232 A 5028										
10			" " Handle latch	A-11100		111 F 155								
11			" " hinge	11145		111 F 81								
12			" " handle	11145										
13			leak seat R & L	232 A 5034										
14			" " back support	1/4 X 3 X 26										
15			Ventilator plate	1/8 x 23" X 26										
16			leak angled	39 ft 1 1/2" x 1 1/2 x 1/4										
17			" "	59 ft 2" x 2" x 1/4										
18			Beading	26 ft 1 1/4 x 5/16" half oval										
19			"	28 " 1" X 1/2 half oval										
20			Tank leg location			88 A 5012								
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 5 TOTAL NO. SHEETS 5 SOLD TO 45816

LOCO. NO. 3235 CYL. SIZE _____ SALES ORDER NO. R _____

ESTIMATE NO. _____ SHIP TO _____ ISSUED 5-14 1943

DELIVERY PROMISED _____ MANIFEST NO. _____ COMPLETE / PARTIAL _____ COMPLETED _____ 19 _____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1			Glass											
2	1		front sash Left Glass	12"x15"										
3	1		" " Right "	14 x 18"										
4	2		Side door R & L "	12" x 24										
5	2		Side windows Left "	21½ x 25"										
6	2		" " Right "	17½ x 25										
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
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30														
31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 4 TOTAL NO. SHEETS ____ SOLD TO 45816

LOCO. NO. 3235 CYL. SIZE ____ SALES ORDER NO. R ____

ESTIMATE NO. ____ SHIP TO ____ ISSUED ____ 19 ____

DELIVERY PROMISED ____ MANIFEST NO. ____ COMPLETE PARTIAL ____ COMPLETED ____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1			Seat	223 C 5025										
2			Material bill	22 MO 5019										
3			Arm rest	232 B 5032										
4			Saddle angle			111 F-27								
5			Door fixture clamp	232 A 5019										
6			Clamp screw	232 A 5018										
7			Slide bar	232 A 5023										
8			Door clamp rod	232 A 5020										
9			Seat ventilator ~~handle~~	232 A 5028										
10			" " Handle latch	A-11100		111 F155								
11			" " hinge	11145		111 F 31								
12			" " handle	11145										
13			Seat seat R & L	232 A 5034										
14			" " back support	1/4 X 3 x 26										
15			Ventilator plate	1/8 x 25" X 26										
16			Seat angled	39 ft 1½" x 1½ x ¼										
17			" "	59 ft 2" x 2" x ¼										
18			Beading	26 ft 1¼ x 5/16 half oval										
19			"	28 " 1" x ½ half oval,										
20			Tank lug location			88 H 5012								
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 7 TOTAL NO. SHEETS ____ SOLD TO Maint Dept

LOCO. NO. ____ CYL. SIZE ____ SALES ORDER NO. R 76596

ESTIMATE NO. none SHIP TO ____ ISSUED May 24 1943

DELIVERY PROMISED ____ MANIFEST NO. ____ COMPLETE PARTIAL ____ COMPLETED ____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK				DEPT'S INVOLVED SHIPPER'S CHECK		INSPECTOR'S CHECK
								DEL'D TO SHIPPING DEP'T	STOCK ASSIGNED	PROCESS ON S. O.	MATERIAL TO BE ORDERED BY PUR. DEPT.	REC'D	SHIPPED	
1	8		Coupling ring bush.	742 J 5035	Brass cast	74-14								
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
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32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100 ParPCo

SHEET NO. _____ TOTAL NO. SHEETS _____ SOLD TO Order No 76.596

LOCO. NO. _____ CYL. SIZE _____

SALES ORDER NO. R _____

ESTIMATE NO. _____ SHIP TO _____ ISSUED _____ 19 _____

DELIVERY PROMISED _____ MANIFEST NO. _____ COMPLETE PARTIAL _____ COMPLETED _____ 19 _____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1														
2			Joe Pohl please order the following list of											
3			asbestos block for lagging!											
4														
5		26	pcs 6"x30" thickness taper	1½" to 1⅞"	Boiler rad	24"								
6		28	" 6 x 30" " "	1⅞ to 2¼"	"	" 26"								
7		30	" 6"x30 " "	2¼" to 2½"	"	" 28								
8		32	" 6"x30" "	1⅞"	"	" 29								
9		32	" 6"x24" "	1⅞"	"	" 29								
10		18	" 6"x36 "	1¼"	"	" 30								
11		36	" 6"x30 "	1¼"	"	" 30								
12		10	" 6"x36" "	1" flat										
13														
14														
15			JCH 5/3-43											
16														
17				Ordered Through Store Room										
18						5/4/43								
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 9 TOTAL NO. SHEETS 9 SOLD TO

LOCO. NO. CYL. SIZE

SALES ORDER NO. R 45816

ESTIMATE NO. SHIP TO

ISSUED 19

DELIVERY PROMISED MANIFEST NO. COMPLETE PARTIAL COMPLETED 19

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEPT	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1			Whistle details											
2														
3	1		Lever	962 A 5010										
4	1		Hand lever	A 11149										
5	1		Bell crank	A 11149										
6	1		Rod thimble	122 A4										
7	1		" washer	" "										
8														
9														
10														
11														
12														
13														
14														
15														
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32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 10 TOTAL NO. SHEETS 10 SOLD TO L.L.W.

LOCO. NO. _____ CYL. SIZE _____

SALES ORDER NO. R 45816

ESTIMATE NO. _____ SHIP TO _____

ISSUED June 16 1943

DELIVERY PROMISED _____ MANIFEST NO. _____

COMPLETE / PARTIAL _____ COMPLETED _____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEPT	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1														
2	1		Dome cap.	362 M5011	Steel plate 1" thick 26" diam									
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
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27														
28														
29														
30														
31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 11 TOTAL NO. SHEETS ____ SOLD TO ____

LOCO. NO. 4 CYL. SIZE ____

SALES ORDER NO. R ____

ESTIMATE NO. ____ SHIP TO ____

ISSUED June 23 1943

DELIVERY PROMISED ____ MANIFEST NO. ____ COMPLETE / PARTIAL ____ COMPLETED ____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1			Mr Herman Franko on the list of parts for											
2			rear sand box, Sheet items 5-6 please change											
3			to read											
4														
5		2	sand box top	732 A 5027	Cast iron	73-314								
6		2	" " covers	"	" "	73-12								
7														
8														
9			6-23-43											
10														
11														
12														
13														
14														
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29														
30														
31														
32														

LIMA LOCOMOTIVE WORKS, INCORPORATED

Form ED 100-A ParPCo.

SHEET NO. 4 TOTAL NO. SHEETS ____ SOLD TO Order #76596

LOCO. NO. 3235 CYL. SIZE ____

ESTIMATE NO. ____ SHIP TO ____ SALES ORDER NO. R ____

DELIVERY PROMISED ____ MANIFEST NO. ____ ISSUED May 12 1943

COMPLETE PARTIAL ____ COMPLETED ____ 19 ____

ITEM	ASSEMBLED UNITS	COMPOSING UNITS	NAME OF PART	CARD NO.	CONSTRUCTION NOTES	PATTERN OR SKETCH NO.	OLD PATTERN NO.	STOREKEEPER'S CHECK: DEL'D TO SHIPPING DEP'T	STOREKEEPER'S CHECK: STOCK ASSIGNED	STOREKEEPER'S CHECK: PROCESS ON S. O.	STOREKEEPER'S CHECK: MATERIAL TO BE ORDERED BY PUR. DEPT.	DEPT'S INVOLVED SHIPPER'S CHECK: REC'D	DEPT'S INVOLVED SHIPPER'S CHECK: SHIPPED	INSPECTOR'S CHECK
1			Joe Pohl.											
2			Water tank.											
3			Remove tank lugs from scrapped tank and											
4			rivet to new tank											
5			Location shown By sk BBA5012											
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														
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32														